EQUIPTRONICS™

DEVELOPMENT & INNOVATION, SKY IS THE LIMIT





E ASY TO USE

Q UALITY EXCELLENCE

U NIQUE DESIGN

I NNOVATION - 45+ YEARS

P ERFECTIONIST APPROACH

T RIAL & TESTED PRE-DISPATCH

R ESULT ACCURACY

O RIGINAL CONCEPT

N EGLIGIBLE COMPLAINT

I NDIAN 100%

C OST EFFECTIVE

S ERVICE AFTER SALES







2025

"LIST OF INSTRUMENTS"

CONTENT	PAGE NO.
• UV-VISIBLE SPECTROPHOTOMETER	1
• VISIBLE SPECTROPHOTOMETER	4
• POLARIMETER	10
• FLAME PHOTOMETER	14
• PHOTOFLORIMETER	16
• pH METER	17
• CONDUCTIVITY (EC) METER	23
• POTENTIOMETER	26
• ELECTRO GRAVIMETRY APPARATUS	29
• PHOTOELECTRIC COLORIMETER	30
• TDS METER	33
• ORP METER	35
• DISSOLVED OXYGEN (DO) METER	36
• TURBIDITY METER / NEPHOLOMETER	37
• COMBO MODEL	39
• MELTING POINT/BOILING POINT APPARATUS	44
• HORIZONTAL GEL ELECTROPHORESIS APPARATUS	46
• VERTICAL GEL (SDS PAGE) ELECTROPHORESIS APPARATUS	48
• UV TRANS ILLUMINATOR	50
• ELECTROPHORESIS POWER SUPPLY	52
• UV CABINET	53
• ELECTRONIC BURETTE	53
• THERMOMETER - BECKMAN SUBSTITUTE	54
• TLC ANALYZER	55
• GEL ANALYZER	58
• POTENTIOMETRIC TITRATOR	61
• TAN & TBN TITRATION APPARATUS	62
• KARL FISHER TITRATOR	63
• COD ANALYZER AND DIGESTOR	65
• HOT PLATE WITH MAGNETIC STIRRER	67
• CORROSION TESTING APPARATUS (TAFEL APPARATUS)	68
• SINE WAVE SERVO VOLTAGE STABILIZER	69
• ELECTRODES: pH, CONDUCTIVITY, TURBIDITY, PLATINUM, REFERENCE	70
• STOP CLOCK	
• INTERVAL BEEPER (TIMER)	
• CALIBRATION STANDARD SOLUTIONS & ACCESSORIES	
• SPECTROPHOTOMETER CUVETTE	
• POLARIMETER TUBE	
• COLORIMETER CUVETTE	

EQUIPTRONICS®

UV- VIS SCANNING SPECTROPHOTOMETER

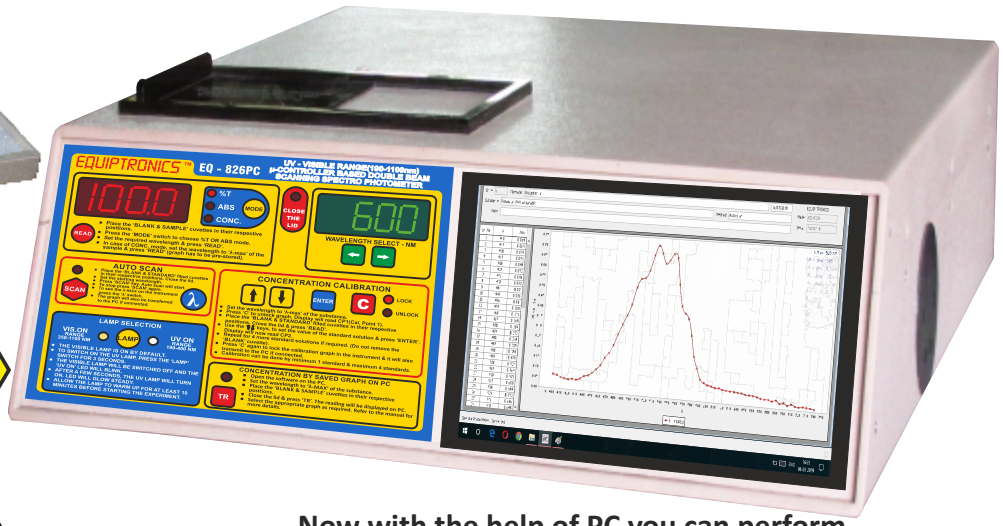
MODEL EQ-826 PC
EQ-826

DUAL BEAM with Auto Scanning; MICRO PROCESSOR BASED UV-VIS- 190 nm to 1100 nm; with dedicated PC & EZ CRUZ - 16 SP software equivalent to imported Brand

Useful for Research, Industry, Biotech, Pharmacy, Biotech



Quartz Cuvette
APH Jacketed



2 POSITION ASC

Designed using Patented Technology

REAL TIME INITIALIZATION. 1ST READING IN JUST UNDER 10 SECONDS.

WELL LAID OUT PANEL WITH NOTES AND INSTRUCTIONS

ONE BUTTON OPERATION

SIMPLE 3 STEP OPERATION
PLACE CUVETTE ->
SET λ ->
PRESS READ.

Now with the help of PC you can perform Auto Scan, find λ Max., Plot Concentration graphs, find the 'K' factor, Store users' information and recall whenever required.

- FIRST EVER DUAL DISPLAY TECHNOLOGY WITH DUAL LED DISPLAYS + 10 INCH TFT TOUCH* (*OPTIONAL)
- INBUILT COMPLETE PC, WIN10 LICENSE VERSION WITH MULTI USB PORTS, HDMI PORTS, MOUSE + KEYBOARD
- DESIGNED, AND MANUFACTURED 100% IN INDIA, USING PATENTED TECHNOLOGIES.

SPECIFICATIONS

- DUAL Beam Mirror Optics
- One Button Feather Touch Operation
- Range: 190 nm to 1100 nm
- Digital readout of %T, O.D. CONC. and wavelength in Red & Green display
- Source : Halogen & D2 lamp with cut off filter IR
- Resolution : 0.1% in %T, 0.001 in O.D., 1 in 999 for Conc
- Spectral bandwidth 1 nm
- Wave length accuracy : ± 1 nm
- Wave length stability : ± 1 nm
- Reading stability : ± 1 digit
- Technology: Quantum Zuerkst Certified
- Inbuilt AC MAINS voltage indicator.
- Real Time initialization. First reading in under 10 seconds
- Detector: Silicon Photodiode

- Upto 6 point concentration calibration
- Low volume sample : 1ml
- Software included EZ CRUZ - 16 SP (LIFETIME LICENSE). Auto scan, find λ max., Conc. graph, K-factor, Users info can be recalled.
- CAN BE USED WITH OR WITHOUT PC
- Power: 230V AC, 50Hz, 100VA
- Weight : 15 Kg.
- Dimension : 230mm (H) x 525mm (W) x 555mm (L)
- Body: NANO CRYSTALLINE ABS™
- IQ, OQ, PQ
- Cuvette: 2 Nos Quartz APH Jacketed 10 mm path length, EQ-APHQ. µVolume cuvette compatible.
- Panel: Well laid out panel with notes & instructions.
- USB 2.0 connectivity.
- Provision for 10 to 50mm path length cuvette (AT EXTRA COST)

Model EQ 826 is PC compatible with EZ CRUZ software but without PC.

For protection against power fluctuation, servo stablizer EQ 590 is recommended.

UV- VIS SCANNING SPECTROPHOTOMETER

MODEL EQ-825 A

Single BEAM with Auto Scanning; MICRO PROCESSOR BASED UV-VIS- 190 nm to 1100 nm; P.C. Compatible with EZ CRUZ - 16 SP software – equivalent to imported brand

Useful for Research, Industry, Biotech, Pharmacy, Biotech

Quartz Cuvette
APH Jacketed





REAL TIME INITIALIZATION. 1ST READING IN JUST UNDER 10 SECONDS.

2 POSITION ASC

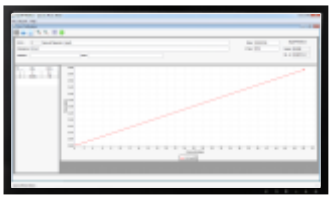
WELL LAID OUT PANEL WITH NOTES AND INSTRUCTIONS

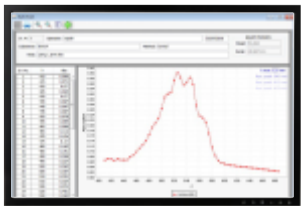
Designed using Patented Technology

ONE BUTTON OPERATION

SIMPLE 3 STEP OPERATION
PLACE CUVETTE -> SET λ -> PRESS READ.

Now with the help of PC you can perform Auto Scan, find λ Max., Plot Concentration graphs, find the 'K' factor, Store users' information and recall whenever required.





SPECIFICATIONS

- Single Beam Mirror Optics
- One Button Feather Touch Operation
- Range: 190 nm to 1100 nm
- Digital readout of %T, O.D. CONC. and wavelength in Red & Green display
- Source : Halogen & D2 lamp with cut off filter IR
- Resolution : 0.1% in %T, 0.001 in O.D., 1 in 999 for Conc
- Spectral bandwidth 1 nm
- Wave length accuracy : ± 1 nm
- Wave length stability : ± 1 nm
- Reading stability : ± 1 digit
- Technology: Quantum Zuerkst Certified
- Inbuilt AC MAINS voltage indicator.
- Real Time initialization. First reading in under 10 seconds
- Detector: Silicon Photodiode

- Upto 6 point concentration calibration
- Low volume sample : 1ml
- Software included EZ CRUZ - 16 SP (LIFETIME LICENSE). Auto scan, find λ max., Conc. graph, K-factor, Users info can be recalled.
- CAN BE USED WITH OR WITHOUT PC
- Power: 230V AC, 50Hz, 100VA
- Weight : 15 Kg.
- Dimension : 130mm (H) x 300mm (W) x 500mm (L)
- Body: NANO CRYSTALLINE ABS™
- IQ, OQ, PQ
- Cuvette: 2 Nos Quartz APH Jacketed 10 mm path length, EQ-APHQ. µVolume cuvette compatible.
- Panel: Well laid out panel with notes & instructions.
- USB 2.0 connectivity.

For protection against power fluctuation, servo stablizer EQ 590 is recommended

UV-VISIBLE SPECTROPHOTOMETER

MODEL EQ-825 D

Single BEAM. UV-Visible Region 190 nm to 1100 nm.
MICRO PROCESSOR BASED

Useful for U.G & P.G., Research



Designed using Patented Technology

2 POSITION ASC

SIMPLE 3 STEP OPERATION
PLACE CUVETTE ->
SET λ ->
PRESS READ.

NO MANUAL CONTROLS. LOW MAINTAINANCE.

WELL LAID OUT PANEL WITH NOTES AND INSTRUCTIONS

ONE BUTTON OPERATION

SPECIALLY DEVELOPED FOR SMALL LABORATORIES, TEACHERS, STUDENTS.



SPECIFICATIONS

- Single Beam Mirror Optics
- 2 Position ASC
- One Button Feather Touch Operation
- Range: 190 nm to 1100 nm
- Digital readout of %T, O.D. CONC. and wavelength in Easy view LED display
- Source : Halogen & D2 lamp with cut off filter IR
- Resolution : 0.1% in %T, 0.001 in O.D., 1 in 999 for Conc
- Spectral bandwidth 1 nm
- Wave length accuracy : ± 1 nm
- Wave length stability : ± 1 nm
- Reading stability : ± 1 digit
- Detector: Silicon Photodiode
- 2 point concentration calibration
- Low volume sample : 1ml
- Power: 230V AC, 50Hz, 100VA
- Weight : 15 Kg.
- Dimension : 230mm (H) x 525mm (W) x 555mm (L)
- Body: NANO CRYSTALLINE ABS™
- Cuvette: 2 Nos Quartz APH Jacketed 10 mm path length, EQ-APHQ. µVolume cuvette compatible.
- Panel: Well laid out panel with notes & instructions.
- Technology: Quantum Zuerkst Certified
- Inbuilt AC MAINS voltage indicator.
- Real Time initialization. First reading in under 10 seconds

For protection against power fluctuation, servo stablizer EQ 590 is recommended

UV- VIS SPECTROPHOTOMETER

MODEL EQ-825

Single BEAM, UV-Visible Region 190 nm to 1100 nm, MICRO PROCESSOR BASED.

Useful for U.G. P.G. Industry, Research, Biotech

Quartz Cuvette
APH Jacketed





SPECIFICATIONS

- Digital readout of Wave length, O.D., %T & Conc. In red & green display
- Source : D2 and Tungsten Halogen
- Range 190 - 1100 nm with Cut off IR filter
- Resolution : 0.1% in %T, 0.001 in O.D., 1 in 999 for Conc.
- Spectral bandwidth : 1 nm
- Wave length resolution : 1 nm
- Wave length accuracy : ± 1 nm
- 5 position cuvette holder
- 2 point concentration calibration
- Inbuilt AC MAINS voltage indicator

1 BLANK + 7 SAMPLE = 8 CUVETTE HOLDER WITH 4PCS QUARTZ CUVETTE

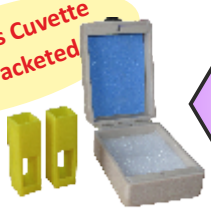
- 2 Nos APH Jacketed, Opti-QUARTZ, EQ-APHQ. 10 mm path length, Low volume sample : 1 ml.
- Technology: Quantum Zuerkst Certified
- Power: 230V AC, 50Hz, 100VA
- Single beam achromatic optics
- Weight : 5.5 Kg.
- Dimension : 130 mm (H) x 300 mm (W) x 500 mm (L)
- Body: NANO CRYSTALLINE ABS™

MODEL EQ-820/ 820 A/820 B

Single BEAM, Visible Region 320 nm to 1100 nm, MICRO PROCESSOR BASED.

Useful for U.G., P.G

Optiglass Cuvette
APH Jacketed



5 POSITION CUVETTE HOLDER



SPECIFICATIONS

- Digital readout of Wave length, O.D., %T & Conc. In red & green display
- Source : Tungsten Halogen
- Range 320 - 1100 nm with Cut off IR filter
- Resolution : 0.1% in %T, 0.001 in O.D., 1 in 999 for Concentration
- Spectral bandwidth : 1 nm
- Wave length resolution : 1 nm
- Wave length accuracy : ± 1 nm
- 5 position cuvette holder (EQ-820)
- 2 point concentration calibration
- Inbuilt AC MAINS voltage indicator

- 2 Nos APH Jacketed, Opti-Glass. EQ-APHG
- Technology: Quantum Zuerkst Certified
- Power: 230V AC, 50Hz, 100VA
- Single beam achromatic optics
- 10 mm path length, Low volume sample : 1 ml.
- Weight : 5.5 Kg.
- Dimension : 130 mm (H) x 300 mm (W) x 500 mm (L)
- Body: NANO CRYSTALLINE ABS™

For protection against power fluctuation, servo stablizer EQ 590 is recommended

EQ 820A has additional feature of Temp. Control Head for Kinetic Experiment
EQ 820B has additional feature of 8 Cuvette Holder - 1 blank & 7 samples

VIS SCANNING SPECTROPHOTOMETER

MODEL EQ-822 A

Single BEAM with Auto Scanning; Visible Region 350 nm to 1100 nm; (Reads Conc. Directly) MICRO PROCESSOR BASED with EZ CRUZ - 16 SP software

Useful for U.G., P.G., Research and Industry

Optiglass Cuvette
APH Jacketed



2 POSITION ASC

REAL TIME INITIALIZATION. 1ST READING IN JUST UNDER 10 SECONDS.

SIMPLE 3 STEP OPERATION PLACE CUVETTE -> SET λ -> PRESS READ.

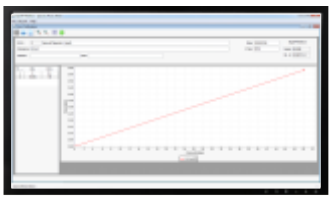


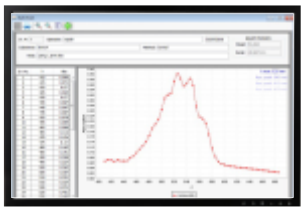
Now with the help of PC you can perform Auto Scan, find λ Max., Plot Concentration graphs, find the 'K' factor, Store users' information and recall whenever required.

ONE BUTTON OPERATION

WELL LAID OUT PANEL WITH NOTES AND INSTRUCTIONS

Designed using Patented Technology





SPECIFICATIONS

- Single Beam Optics
- One Button Feather Touch Operation
- Range: 320 nm to 1100 nm
- Digital readout of %T, O.D. CONC. and wavelength in Red & Green display
- Source : Halogen with cut off filter IR
- Resolution : 0.1% in %T, 0.001 in O.D., 1 in 999 for Conc
- Spectral bandwidth 1 nm
- Wave length accuracy : ± 1 nm
- Wave length stability : ± 1 nm
- Reading stability : ± 1 digit
- Technology: Quantum Zuerkst Certified
- Inbuilt AC MAINS voltage indicator.
- Real Time initialization. First reading in under 10 seconds
- Detector: Silicon Photodiode
- Upto 6 point concentration calibration
- Low volume sample : 1ml
- Software included EZ CRUZ - 16 SP (LIFETIME LICENSE). Auto scan, find λ max., Conc. graph, K-factor, Users info can be recalled.
- CAN BE USED WITH OR WITHOUT PC
- Power: 230V AC, 50Hz, 100VA
- Weight : 15 Kg.
- Dimension : 130mm (H) x 300mm (W) x 500mm (L)
- Body: NANO CRYSTALLINE ABS™
- IQ, OQ, PQ
- Cuvette: 4 Nos Opti-Glass APH Jacketed 10 mm path length, EQ-APHG. µVolume cuvette compatible.
- Panel: Well laid out panel with notes & instructions.
- USB 2.0 connectivity.

For protection against power fluctuation, servo stablizer EQ 590 is recommended

VISIBLE SPECTROPHOTOMETER

MODEL EQ-820 D

Single BEAM, Visible Region 350 nm to 1100 nm, Reads Concentration Directly, MICRO PROCESSOR BASED.

Useful for U.G & P.G., Research

Optiglass Cuvette APH Jacketed



- SIMPLE 3 STEP OPERATION PLACE CUVETTE -> SET λ -> PRESS READ.
- 2 POSITION ASC
- NO MANUAL CONTROLS. LOW MAINTAINANCE.
- WELL LAID OUT PANEL WITH NOTES AND INSTRUCTIONS
- ONE BUTTON OPERATION
- SPECIALLY DEVELOPED FOR SMALL LABORATORIES, TEACHERS, STUDENTS.



Designed using Patented Technology

AUTOMATIC SAMPLE POSITION CHANGE.
NO MANUAL PUSH-PULL SYSTEM

SPECIFICATIONS

- Single Beam Optics
- 2 Position ASC
- One Button Feather Touch Operation
- Range: 350 nm to 1100 nm
- Digital readout of %T, O.D. CONC. and wavelength in Easy view LED display
- Source : Halogen with cut off filter IR
- Resolution : 0.1% in %T, 0.001 in O.D., 1 in 999 for Conc.
- Spectral bandwidth 1 nm
- Wave length accuracy : ± 1 nm
- Wave length stability : ± 1 nm
- Reading stability : ± 1 digit
- Detector: Silicon Photodiode
- 2 point concentration calibration
- Low volume sample : 1ml
- Power: 230V AC, 50Hz, 100VA
- Weight : 15 Kg.
- Dimension : 130mm (H) x 300mm (W) x 500mm (L)
- Body: NANO CRYSTALLINE ABS™
- Cuvette: 2 Nos Glass APH Jacketed 10 mm path length, EQ-APHG. µVolume cuvette compatible.
- Panel: Well laid out panel with notes & instructions.
- Technology: Quantum Zuerkst Certified
- Inbuilt AC MAINS voltage indicator.
- Real Time initialization. First reading in under 10 seconds

For protection against power fluctuation, servo stablizer EQ 590 is recommended

VISIBLE SPECTROPHOTOMETER

MODEL EQ-823

Single BEAM, Visible Region 350 nm to 1100 nm, MICRO PROCESSOR BASED with 50 mm and 10 mm cuvette provision.

Useful for Drinking Water Industry & effluent plants

FOR 50 MM & 10 MM PATH LENGTH CUVETTES



SPECIFICATIONS

- Digital readout of %T, O.D. CONC. and wavelength in Easy view LED display
- Source : Tungsten Halogen
- Range 320 - 1100 nm with Cut off IR filter
- Resolution : 0.1% in %T, 0.001 in O.D., 1 in 999 for Conc.
- Spectral bandwidth : 1 nm
- Wave length resolution : 1 nm
- Wave length accuracy : ± 1 nm
- 5 position cuvette holder (EQ-820)
- 2 point concentration calibration
- Inbuilt AC MAINS voltage indicator
- Sample holder: EQ-APHG, APH Jacketed Opti-Glass EQ-APHG. 2 no.s 10mm path length & 2 no.s 50mm path length
- Technology: Quantum Zuerkst Certified
- Power: 230V AC, 50Hz, 100VA
- Single beam achromatic optics
- Weight : 5.5 Kg.
- Dimension : 130 mm (H) x 300 mm (W) x 500 mm (L)
- Body: NANO CRYSTALLINE ABS™

MODEL EQ-821

Single BEAM, Visible Region, 400 nm to 700 nm, SINGLE CUVETTE (Replacement for Colorimeter)

Useful for Undergraduate Students

ONE BUTTON OPERATION

APH JACKETED OPTIGLASS CUVETTES



FEATURES

- Digital readout of O.D. %T,
- Digital readout of wave length
- Range 400 - 700 nm
- Resolution : 1% in %T & .01 in O.D.
- Spectral bandwidth : 1 nm
- Wave length resolution : 1 nm
- Wave length selection : Manual
- Power: 230V AC, 50Hz, 50VA
- Light Source : Solid State Doped for Visible Light
- APH Jacketed Cuvette
- Weight: 2 Kg.
- Dimension: 160 mm (H) x 315 mm (W) x 365 mm (L)
- Body: NANO CRYSTALLINE ABS™
- Technology: Quantum Zuerkst Certified

For protection against power fluctuation, servo stablizer EQ 590 is recommended

SPECTROPHOTOMETER SOFTWARE

EZ CRUZ - 16 SP

Life time License

Pharma, Industry, Water testing

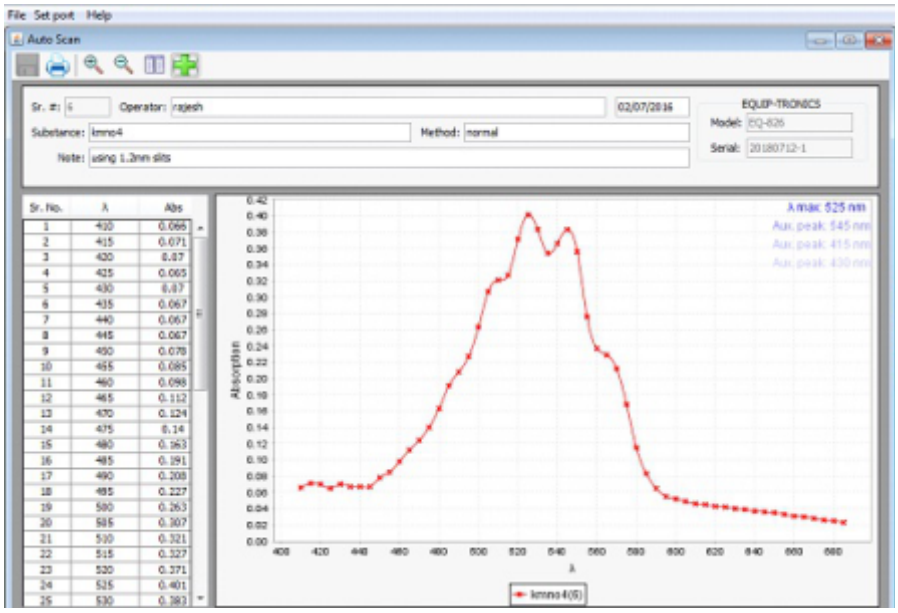
SPECIFICATIONS

The EZCRUZ software Stores data such as name of user, time, experimental method, etc.

- **Tabulates the data and plots graphs automatically. Scans and detects λ_{max} peaks.**
- **Combines two or more graphs on a page for comparative study.**
- **Performs mathematical operations i.e. Summation and subtraction of two graphs.**
- **Plots graph of O.D. Vs time (useful for kinematics).**
- **Plots graph of Conc v/s OD for estimation**
- **LIFETIME LICENSE**



5 graph on single page for comparative study



Auto scan for λ_{max}

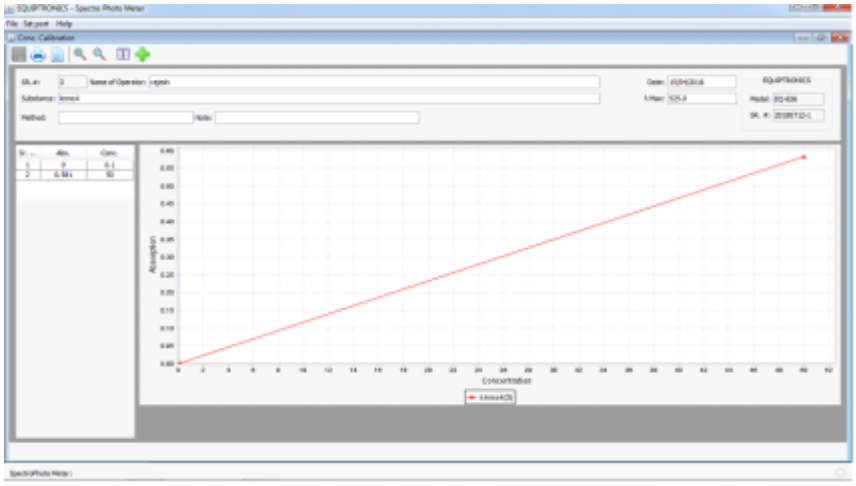
This software is included in model No EQ 826 PC, EQ 826, EQ 825A, EQ 822A

SPECTROPHOTOMETER SOFTWARE

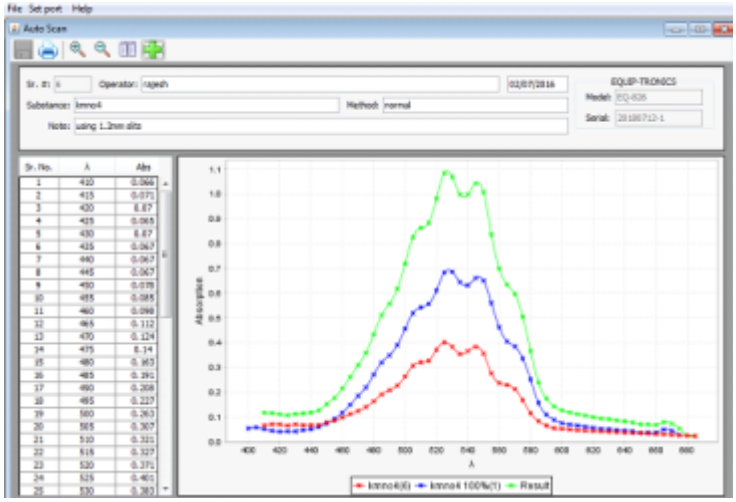
EZ CRUZ - 16 SP

Lifetime License

Pharma, Industry, Water testing



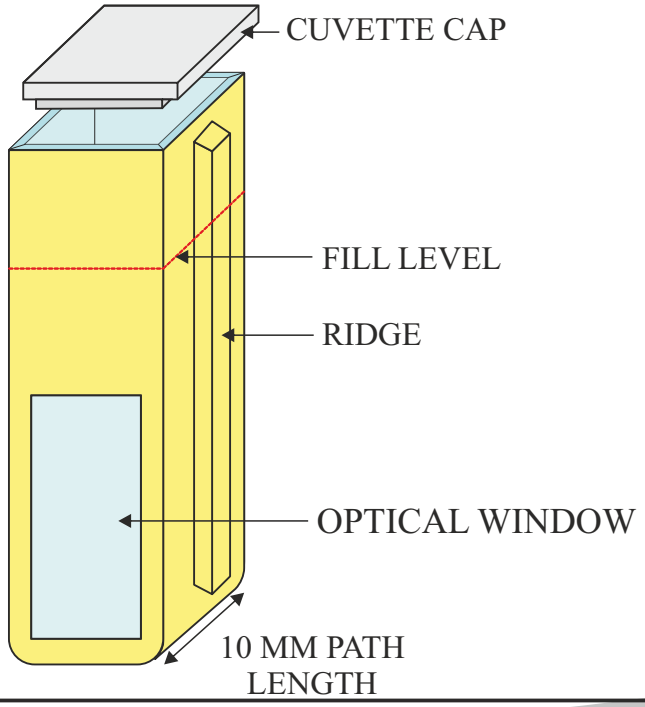
Graph of OD vs Time for kinematics



Summation of 2 graphs (Red + Blue = Green)

BENEFITS OF APH JACKETED CUVETTES

1. 100% protection from Breakage, Scratches, Accidental drops.
2. Slip resistant. Provides better handling.
3. Withstands all Acids, Bases, Organic solvents.
4. Provides an Optimum Optical window. Limits stray light.
5. Special Ridge designed to ensure perfect placement of cuvette each time.
6. Student friendly.



DIGITAL POLARIMETER

MODEL EQ-805

Fully automatic ± 60° rotation microprocessor based using µ-degree capturing process

Useful for pharma industry, research institutes

The ultimate polarimeter which supercedes all the models and all the brands

Auto Pol EQ 805 is technological marvel, which gives readings at the **press of a button** - **no personal judgement, no dark-room, no half-shadow, no rotation of wheel**. The working is so simple that you will wonder how did you manage all these years without it.

Model EQ 805 is PC compatible. The EZ CRUZ - 16 POL PC software is 21 CFR compliant. It can calculate specific rotation, concentration, international sugar scale, store all the details such as name of operator, substance, method, etc.

21 CFR COMPLIANT (PART 11)

SIMPLE 2 STEP OPERATION PLACE THE SAMPLE TUBE -> PRESS READ.

WELL LAID OUT PANEL WITH NOTES AND INSTRUCTIONS

ONE BUTTON OPERATION



Designed using Patented Technology

FEATURES	EQ 805
READOUT	5 digit LED display for measurement
ANGLE OF ROTATION	± 45° (- for levo, + for dextro)
RESOLUTION	0.01°
ACCURACY	0.02°
LEAST COUNT	0.01°
PC SOFTWARE	EZCRUZ - 16 POL
21 CFR	COMPLIANT
IQ, OQ, PQ	Provided
CALIBRATION	Factory calibrated with Degree Scale as per users' choice using shimzadu Std
LIGHT DETECTION	Electronic sensor
POWER	230V AC ±10% @ 50 Hz 30VA
WEIGHT	7 kg approx
SIZE	180mm (H) x 325mm (D) x 485mm
SAMPLE TUBE	Teflon tube of 20cm for organic solution
PC CONNECTIVITY	USB 2.0
ACCESSORIES	Dustproof cover, sample tube
TECHNOLOGY	Quantum Zuerkst Certified

For protection against power fluctuation, servo stablizer EQ 590 is recommended

Calibration standards available at extra cost

DIGITAL POLARIMETER

MODEL EQ-802

Fully automatic ± 120° rotation microprocessor based using µ-degree capturing process, with inbuilt lamp

Useful for colleges, small labs and industries etc.

The ultimate polarimeter which supercedes all the models and all the brands

Auto Pol EQ 802 is technological marvel, which gives readings at the **press of a button** - **no personal judgement, no dark-room, no half-shadow, no rotation of wheel**. The working is so simple that you will wonder how did you manage all these years without it.

Designed using Patented Technology

SIMPLE 2 STEP OPERATION PLACE THE SAMPLE TUBE -> PRESS READ.

WELL LAID OUT PANEL WITH NOTES AND INSTRUCTIONS

ONE BUTTON OPERATION



FEATURES	EQ 802
READOUT	5 digit LED display for measurement
ANGLE OF ROTATION	± 120° (- for levo, + for dextro)
RESOLUTION	0.01°
ACCURACY	0.1°
LEAST COUNT	0.01°
PC SOFTWARE	-
21 CFR	-
IQ, OQ, PQ	Optional
CALIBRATION	Factory calibrated with Degree or International Sugar Scale as per users' choice using shimzadu Std
LIGHT DETECTION	Electronic sensor
POWER	230V AC ±10% @ 50 Hz 20VA
WEIGHT	4 kg approx
SIZE	180mm (H) x 325mm (D) x 485mm
SAMPLE TUBE	PVC tube of 10cm and 20cm for water based solution
PC CONNECTIVITY	-
ACCESSORIES	Dustproof cover, Sample tube
TECHNOLOGY	Quantum Zuerkst Certified

For protection against power fluctuation, servo stablizer EQ 590 is recommended

Calibration standards available at extra cost

DIGITAL POLARIMETER

MODEL EQ-806

Fully automatic, 0-120 POL rotation, µprocessor based using µ-degree capturing process

Useful for sugar industry for BAGASSE (MOLASSES)

A dedicated polarimeter for the POL measurement of bagasse, EQ-806.
Any small error in the measurement of sugar content in bagasse will result in a huge loss in profit. Optical polarimeters are not accurate and the results depend on the personal expertise and judgement of the operator.
EQ-806 is an AUTO POLARIMETER which gives the results at the press of a button. It is specially designed to accommodate a 40cm sample tube. The instrument has a feature of repeat measurement and averaging which further improves the accuracy of the result. The instrument can also be connected to a PC, where the sample data can be recorded.

Provision for 40 cm Sample tube only for molasses.

21 CFR COMPLIANT (PART 11)

SIMPLE 2 STEP OPERATION
PLACE THE SAMPLE TUBE ->
PRESS READ.

WELL LAID OUT PANEL WITH NOTES AND INSTRUCTIONS

ONE BUTTON OPERATION



Designed using Patented Technology

FEATURES	
READOUT	5 digit LED display
RANGE	0 to 120 POL(°Z)
RESOLUTION	0.01
ACCURACY	0.1
PC SOFTWARE	EZCRUZ - 16 POL (21 CFR COMPLIANT)
CALIBRATION	FACTORY CALIBRATED WITH INTERNATIONAL SUGAR SCALE
IQ, OQ, PQ	Provided
POWER	230V AC ±10% @ 50 Hz 20VA
WEIGHT	10 kg approx
DIMENSIONS	190mm (H) x 370mm (D) x 760mm (L)
SAMPLE TUBE	PVC tube of 40cm, 20cm, 10cm
PC CONNECTIVITY	USB 2.0
ACCESSORIES	Dustproof cover, PVC tube of 40cm, 20cm, 10cm
TECHNOLOGY	Quantum Zuerkst Certified

For protection against power fluctuation, servo stablizer EQ 590 is recommended

Calibration standards available at extra cost

DIGITAL POLARIMETER

MODEL EQ-801

Digital Polarimeter ± 200° - levo & dextro digital readout

Useful for undergraduate & colleges

Get superb accuracy with Pointer and Lens. No need of dark room & sodium lamp. No need of zero, load the sample & read





Readout	:	3½ digit LED display for degrees measurement
Angle of Rotation	:	± 200° (- for levo and + for dextro)
Resolution	:	0.1°
Accuracy	:	± 0.1°
Calibration	:	Factory calibrated with Shimzadu standard
Detection of light	:	Electronic sensor and meter which leads to repeatability of 0.1 degree
Power required	:	230 V AC ± 10% 50 Hz, 7 VA
Weight	:	4 Kg (approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	180 mm (H) x 325 mm (D) x 485 mm (L)
Sample tube	:	PVC Material 10 cm & 20 cm, for water based solution Glass/Teflon Tube also available for organic solution (at extra cost)
Accessories	:	Screwdriver and Dust proof cover
Technology	:	Quantum Zuerkst Certified

POLARIMETER

DIGITAL POLARIMETER

SUITABLE FOR PHARMA INDUSTRIES & TESTING LABS. 589 NM WAVELENGTH



MOST ADVANCE AUTOMATIC POLARIMETER WITH 10IN TOUCH SCREEN & 21 CFR SOFTWARE

INQUIRE FOR MORE DETAILS

DIGITAL FLAME PHOTOMETER

MODEL EQ-851

Quad channel, Inbuilt filters, low ppm detection, low sample volume. Can read ppm or mMoL/Lit

Useful in analysis of Na, K, Ca, Li in Soil, Agriculture, Pathology, Mining, Metallurgy, Pollution Control, Ceramic & Glass industry.

SINGLE ASPIRATION. 4 ANALYSIS.

WELL LAID OUT PANEL WITH NOTES AND INSTRUCTIONS

QUAD CHANNEL. QUAD READOUT

GERMAN OFF-CENTER VALVES

INBUILT FLAME IGNITOR



SS VALVES. BRASS SS ASPIRATION GUN. NON CORROSIVE, LONG LIFE.

- **Channel** : QUAD Channel (Na, K provided. Ca & Li on demand).
- **Display** : 20 x 4 Super bright Easy view CLCD display
- **Readout** : 4 digit
- **Resolution** : 0.1 PPM
- **Accuracy** : > 99.5% FSR
- **Calibration** : Multi Point (upto 6 points) with Calibration validity & One Point Daily Calibration
- **Inbuilt Filters** : Factory fitted Narrow notch filters. Na & K provided. Ca & Li are available at extra cost. CONTACT US FOR ANY OTHER FILTER.
- **Sensitivity** : Na - 1 ppm K- 1 ppm Ca - 20 ppm Li - 3 ppm
- **Stability** : ± 1, Last digit.
- **Resolution** : ± 0.1 PPM.
- **Detector** : Photo Cell Array .
- **Compressor** : Compressor with meter & pressure control valve.
- **Flame System** : S.S. burner for LPG and dry oil free air. The fine control is achieved by off-center valve - using German technology
- **Air Filter** : Inbuilt
- **Power required** : 230 V ± 5% @ 50Hz, 20VA.
- **Other features** : 3 User System, Inbuilt Real time clock, Storage of readings in instrument and transmission to connected PC with date & time stamp. (Mention required connectivity, PC or PRINTER, on order placement)
- **Weight** : 4 Kgs. (Approx.)
- **Body** : M.S. Powder Coated
- **Dimension** : 270 mm(H) x 310 mm(D) x 350 mm(L)
- **Sample Qty** : 10 ml for stable flame
- **Aspiration Rate** : 10 ml per minute
- **Technology** : Quantum Zuerkst Certified
- **Ignition** : Inbuilt Auto ignitor for super fast and safe ignition.

DIGITAL FLAME PHOTOMETER

MODEL EQ-850A
EQ-855A

DUAL & Single channel, Separate filters, low ppm detection, low sample volume.

Useful for under graduate, college, industry, soil testing, mining etc.





INBUILT COMPRESSOR

GERMAN OFF-CENTER VALVES

WELL LAID OUT PANEL WITH NOTES AND INSTRUCTIONS

DUAL CHANNEL. DUAL READOUT

INBUILT FLAME IGNITOR

SS VALVES. BRASS SS ASPIRATION GUN. NON CORROSIVE, LONG LIFE.

- **Channel** : EQ-855A Dual Channel, Dual display.
  EQ-850A Single Channel.
- **Readout** : 4 digit LED display
- **Sensitivity** : Na - 2 ppm Ca - 2 ppm
  K - 1 ppm Li - 3 ppm
- **Stability** : ± 1, Last digit
- **Resolution** : ± 0.1 PPM (When calibrated with 1 PPM FSR)
- **Detector** : Photo Cell Array
- **Compressor** : Inbuilt Compressor with meter & valve for EQ-850A.
  Separate compressor for EQ-855A.
- **Flame System** : Epoxified S.S. burner for LPG and dry oil free air. The fine control is achieved by off-center valve - using German technology
- **Air Filter** : Inbuilt
- **Power required** : 230 V ± 5% @ 50Hz, 20VA.
- **Weight** : 4 Kgs. (Approx.)
- **Body** : M.S. Powder Coated
- **Dimension** : 270 mm(H) x 310 mm(D) x 350 mm(L)
- **Filters** : Narrow notch filters. Na & K provided. Other filters Ca, Li, Sr, Ba are available at extra cost
- **Sample Qty** : 10 ml for stable flame
- **Aspiration Rate** : 10 ml per minute
- **Technology** : Quantum Zuerkst Certified
- **Ignition** : Inbuilt Auto ignitor for super fast and safe ignition.

DIGITAL PHOTO FLORIMETER

MODEL EQ-871

3 excitation wave length (UV) & 3 emission (vis) filters
0.1 ppm sensitivity

Useful for Pharmacy Industries

PPM : 7.00
ORG. Name: XYZ LTD.
Operator name: User_1
Sign:
Date: 01/01/2000

* image only for representative purposes.



Display	:	20 x 4 Super bright LCD Display
Readout	:	4 digit
Range	:	0-10 PPM.
Resolution	:	0.01 PPM
Accuracy	:	1%
Calibration	:	2 Point with Calibration validity
Optics	:	Non linear Ortho-Cylindrical Optics.
Filter	:	Primary - 360, 400 and 440 nm Secondary - 485, 550, 610 nm
Stray light	:	< 0.1%
Technology	:	Quantum Zuerkst Certified
Power required	:	230 V AC ± 10% 50 Hz, 20VA. with inbuilt stabilizer
Warming time	:	15 minutes
Other features	:	3 User System, Inbuilt Real time clock, Storage of readings in Instrument and transmission to connected PC with date & time stamp. (Mention required connectivity, PC or PRINTER, on order placement)
Sample Volume	:	10 ml
Weight	:	3 Kg (approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	90 mm (H) x 225 mm (W) x 220 mm (L)
Accessories	:	Special Opti-Quartz Titanium treated, Optically matched 2 Nos, Dust proof cover & operation manual. PRINTER AT EXTRA COST.

NO MANUAL CONTROLS. LOW MAINTAINANCE.
OPTI QUARTZ TITANIUM TREATED CUVTTES
DIRECT PRINT
LARGE LCD DISPLAY
ON SCREEN INSTRUCTIONS
INBUILT PRIMARY FILTERS
WELL LAID OUT PANEL WITH NOTES & INSTRUCTIONS

TURBIDITY METER

MODEL EQ-870

2 excitation wave length (UV) & 3 emission (vis) filters
0.1 ppm sensitivity

Useful for Pharmacy Colleges



Readout	:	3 digit LED display.
Range	:	0-100% in mode
Accuracy	:	1%
Power required	:	230 V AC ± 10%, @ 50 Hz, 5 VA
Full scale detection	:	Full scale sensitivity with 0.1 PPM Quinine Sulphate
Minimum sample	:	4mL
Weight	:	3.5 kg (approx)
Filter	:	Primary - 360 and 440 nm Secondary - 485, 550, 610 nm
Size	:	303 mm(L) x 144 mm(H) x 251 mm(W)
Weight	:	3.2 kg
Body	:	NANO CRYSTALLINE ABS™
Cuvette	:	Special Opti-Quartz Titanium treated, Optically matched 2 Nos
Technology	:	Quantum Zuerkst Certified

OPTI QUARTZ TITANIUM TREATED CUVTTES
INBUILT PRIMARY FILTERS
READING FREEZE SWITCH

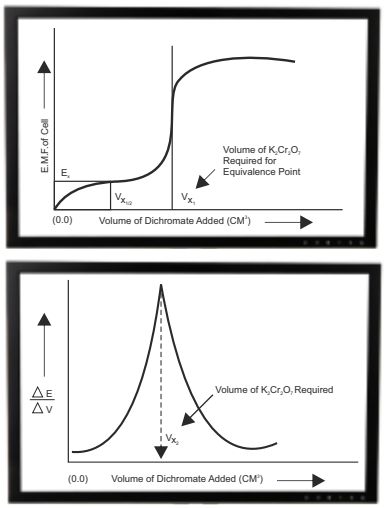
PHOTOFLORIMETER

DIGITAL pH/ORP METER - 5 Point Calibration

MODEL EQ-622

Microcontroller based pH Meter, PC compatible

Useful for Pharma, Research, Industry & Post Graduates



Now with the help of PC you can store values, maintain users record draw graphs perform potentiometric titration.
It can detect errors in electrodes or buffer solution

21 CFR COMPLIANT (PART 11)



SPECIFICATIONS

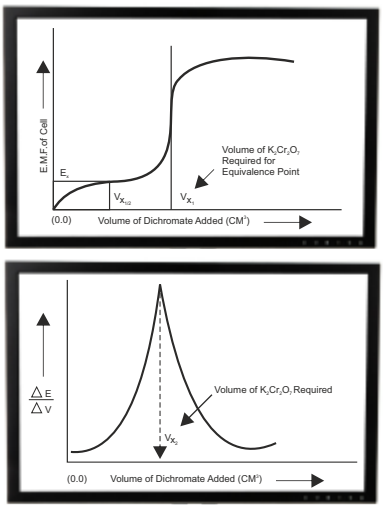
Calibration	5 point
Software	PC compatible 21CFR compliant software EZCRUZ-16pH included. Admin and user system with individual passwords for admin and each of the users
Operating modes of software	1. Titration mode. 2. Batch measurement mode with automatic saving of data. 3. Continous pH monitoring mode
IQ, OQ, PQ	Provided
Readout	LCD screen, 2 Line display, 16 characters
Range	PH: -2.000 to 20.000 mV: 0 to ± 1999.9 mV for ORP measurement Temp: 0 to 130°C.
Accuracy	PH: ± 0.002 mV/ORP: ± 1 Temp.: 0.1°C.
Temp. comp.	0 to 100°C, both ATC & MTC
Temp reading	0°C to 130°C
Power required	230 V AC ± 10% 50 Hz, 4 VA
Warming time	5 minutes
Control	Feather touch
Storage	1) Earlier calibration is stored even if instrument is switched OFF. 2) Can store 100 pH values at 100 locations (0 to 99) & 1000 in PC
Weight	1 Kg (approx.)
Body	NANO CRYSTALLINE ABS™
Dimensions	90 mm (H) x 220 mm (W) x 225 mm (L)
Electronic buffer	Equivalent signal output of ideal electrode in solution of 9.20, 7.00, 4.00 pH. Useful for self diagnostic.
Electrode	1) EQ-700 Unbreakable Glass + Reference Combined Electrode (0-14pH), Gold Plated Pin & Connector 2) EQ-702 Unbreakable Stainless Steel Temperature Probe with Silicone Teflon Wire
Accessories	Stand set, Patch cord for Electronic buffer, Buffer tablets for 9.20, 7.00, 4.00 pH and Dust proof cover. ORP ELECTRODE AT EXTRA COST.
Technology	Quantum Zuerkst Certified

DIGITAL pH/ORP METER - 3 Point Calibration

MODEL EQ-621

Microcontroller based pH Meter, PC compatible

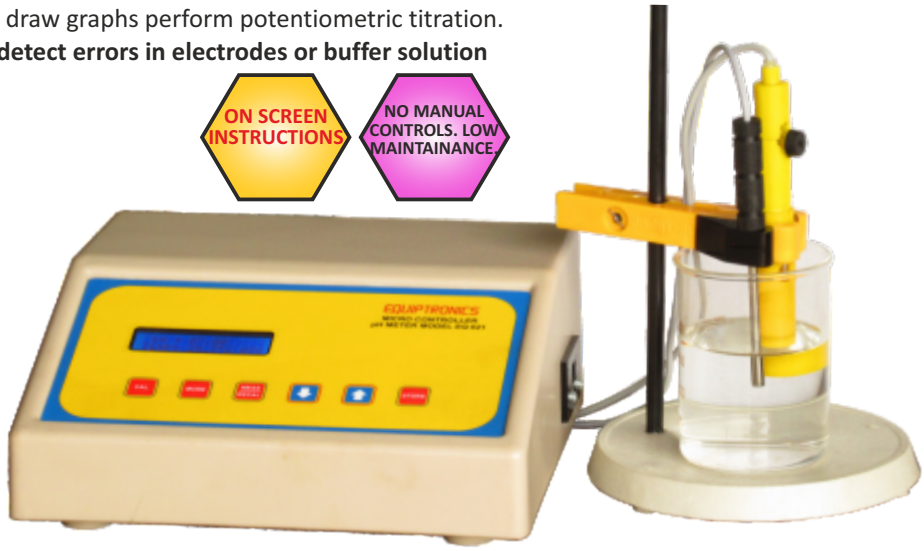
Useful for Pharma, Research, Industry & Post Graduates



Now with the help of PC you can store values, maintain users record draw graphs perform potentiometric titration.
It can detect errors in electrodes or buffer solution

ON SCREEN INSTRUCTIONS

NO MANUAL CONTROLS. LOW MAINTAINANCE.



SPECIFICATIONS

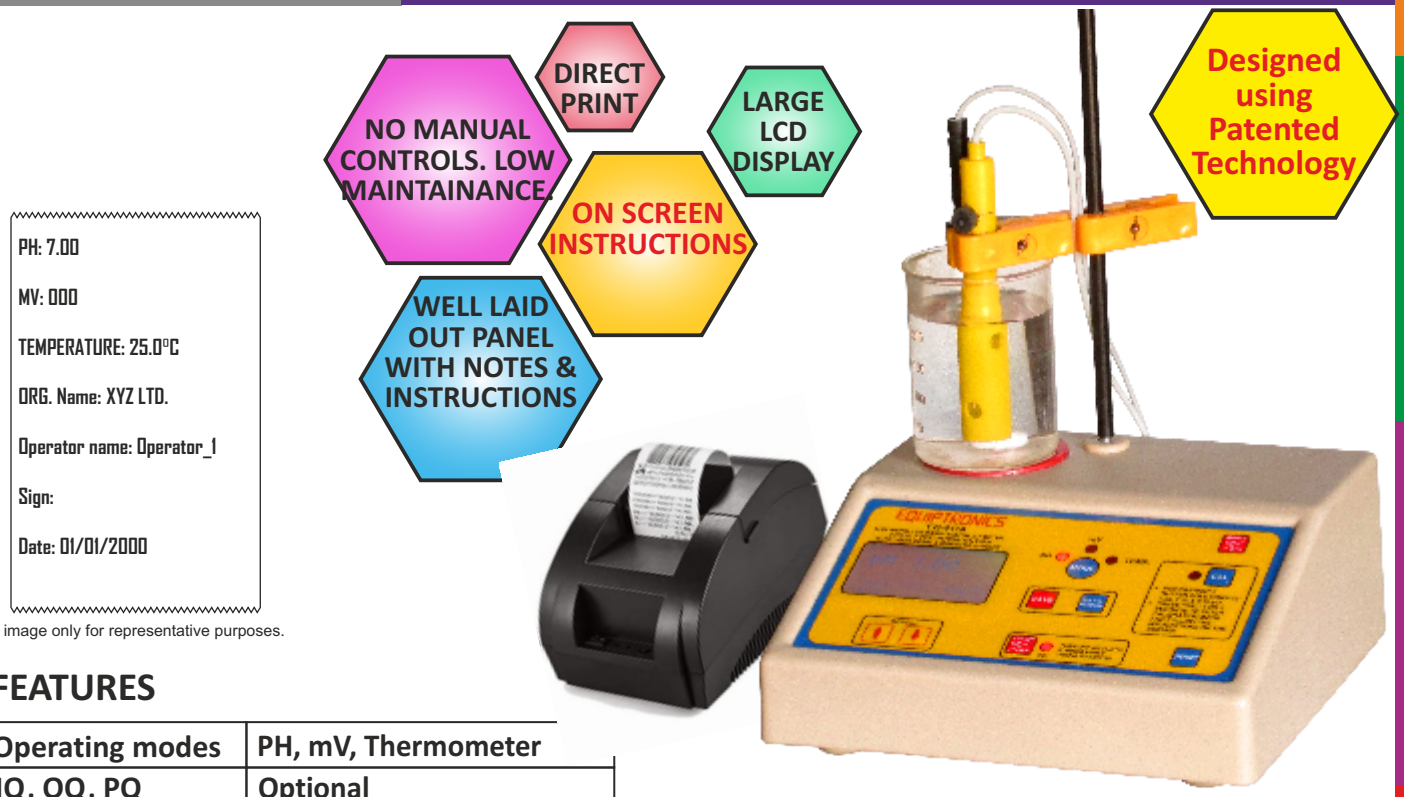
Calibration	3 point
Software	PC compatible software EZCRUZ-16pH included. RS-232 or USB connectivity (any one).
Operating modes of software	Measurement mode Titration mode
IQ, OQ, PQ	Optional
Readout	LCD screen, 2 Line display, 16 characters
Range	PH: 0 to 14.00 mV: 0 to ± 1999 mV for ORP measurement Temp: 0 to 130°C.
Accuracy	PH: ± 0.01 mV/ORP: ± 1 Temp.: 0.1°C.
Temp. comp.	0 to 100°C, both ATC & MTC
Temp reading	0°C to 130°C
Power required	230 V AC ± 10% 50 Hz, 4 VA
Warming time	5 minutes
Control	Feather touch
Storage	1) Earlier calibration is stored even if instrument is switched OFF. 2) Can store 100 pH values at 100 locations (0 to 99) & 1000 in PC
Weight	1 Kg (approx.)
Body	NANO CRYSTALLINE ABS™
Dimensions	90 mm (H) x 220 mm (W) x 225 mm (L)
Electronic buffer	Equivalent signal output of ideal electrode in solution of 9.20, 7.00, 4.00 pH. Useful for self diagnostic.
Electrode	1) EQ-700 Unbreakable Glass + Reference Combined Electrode (0-14pH), Gold Plated Pin & Connector 2) EQ-702 Unbreakable Stainless Steel Temperature Probe with Silicone Teflon Wire
Accessories	Stand set, Patch cord for Electronic buffer, Buffer tablets for 9.20, 7.00, 4.00 pH and Dust proof cover. ORP ELECTRODE AT EXTRA COST.
Technology	Quantum Zuerkst Certified

DIGITAL pH/ORP METER - 3 Point Calibration

MODEL EQ-611 A

Large graphic LCD display, 3 Auto Buffers, Direct Print.

Useful for Pharma, Research, Industry



* image only for representative purposes.

FEATURES

Operating modes	PH, mV, Thermometer
IQ, OQ, PQ	Optional
Calibration	Automatic 3 point (4.00, 7.00, 9.20 pH). Shows error if electrode/buffer is faulty.
Readout	3 inch super bright GLCD screen. Large multi fonts for ease of reading.
Range	PH: 0 to 14.00 mV: 0 to ± 2500 mV for ORP measurement Temp: 0 to 130°C.
Resolution	pH: ± 0.01 mV: ± 1 Temperature: 0.1°C.
Temp. comp.	Automatic and Manual 0 to 100°C, (ATC & MTC).
Accuracy	pH: ± 0.01 mV: ± 1 Temperature: 0.1°C.
Printing	Direct one button printing.
Stirrer	Dual phase µController assisted Pulse Position modulated control for uniform stirring.
Power required	230 V AC Mains ± 10% @ 50 Hz, 4 VA.
Warming time	5 minutes
Control	Feather touch
Storage	1) Earlier calibration is stored even if instrument is switched OFF. 2) Can store 500 pH values at 500 locations. 3) Direct printing.
Weight	1 Kg (approx.)
Body	NANO CRYSTALLINE ABS™
Dimensions	90 mm (H) x 220 mm (W) x 225 mm (L)
Electronic Auto buffer	Equivalent signal output of ideal electrode in solution of 9.20, 7.00, 4.00 pH. Useful for self diagnostic.
Electrode	1) EQ-700 Unbreakable APH sleeved Glass + Reference Combined Electrode Ni Plated Pin & Connector 2) EQ-702 Unbreakable Stainless Steel Temperature Probe with Silicone Teflon Wire
Accessories	Rod & clip, Patch cord for Electronic buffer, Buffer capsules for 9.20, 7.00, 4.00 pH, magnetic peddle and Dust proof cover. ORP ELECTRODE & THERMAL PRINTER AT EXTRA COST.
Technology	Quantum Zuerkst Certified

DIGITAL pH/ORP METER

MODEL EQ-611

3 Point calibration pH meter with Magnetic Stirrer & Electronic Buffer

Useful for P.G., Research, Titration

- SPECIALLY DEVELOPED FOR SMALL LABORATORIES, TEACHERS, STUDENTS.
- WELL LAID OUT PANEL WITH NOTES & INSTRUCTIONS
- NO MANUAL CONTROLS. LOW MAINTAINANCE.
- ONE BUTTON CALIBRATION



Operating modes	PH, mV, Thermometer
Calibration	Automatic 3 point (4.00, 7.00, 9.20 pH). Shows error if electrode/buffer is faulty. Earlier Calibration is stored even if Instrument is switched OFF.
Readout	7 digit LED display
Range	PH: 0 to 14.00 MV: 0 to ± 2000 mV Temp: 0 to 120°C
Resolution	PH: ± 0.01 MV: ± 1 Temperature: 0.1°C
Temp. Comp.	Automatic and Manual 0 to 100°C (ATC & MTC). Detects temperature probe automatically.
Accuracy	PH: ± 0.01 MV: ± 1 Temperature: 0.1°C
Stirrer	Dual phase µController assisted Pulse Position modulated control for Uniform stirring.
Power required	230 V AC Mains ± 10% @ 50 Hz, 10 VA.
Warming time	5 minutes
Control	Feather touch
Weight	1 Kg (approx.)
Body	NANO Crystalline ABS™
Dimensions	90 mm (H) x 220 mm (W) x 225 mm (L)
Electronic Auto buffer	Equivalent signal output of ideal electrode in solution of 9.20, 7.00, 4.00 pH. Useful for self diagnostic.
Electrode	1) EQ-700 Unbreakable APH sleeved Glass + Reference Combined Electrode 2) EQ-702 Unbreakable Stainless Steel Temperature Probe with Silicone Teflon Wire
Accessories	Rod & clip, Patch cord for Electronic buffer, Buffer capsules for 9.20, 7.00, 4.00 pH, magnetic peddle and Dust proof cover. ORP ELECTRODE AT EXTRA COST.
Technology	Quantum Zuerkst Certified

DIGITAL pH/ORP METER

MODEL EQ-610A
EQ-614A

pH Meter With Built-in Electronic Buffer Unbreakable Electrode, with stirrer

Useful for U.G.

WELL LAID OUT PANEL WITH NOTES & INSTRUCTIONS

NO MANUAL CONTROLS. LOW MAINTAI-NANCE.

ONE BUTTON CALIBRATION

SPECIALLY DEVELOPED FOR SMALL LABORATORIES, TEACHERS, STUDENTS.



Readout	:	4+2 digit LED display
Range	:	pH: 0 to 14.00 mV: 0 to ± 1999 mV
Resolution	:	pH: 0.01 pH mV: 1 mV
Accuracy	:	pH: ± 0.01 pH ± 1 least count mV: ± 0.01% ± 1 least count
Temp. Comp.	:	0 to 100°C
Stirrer speed	:	500 RPM fixed.
Power required	:	230 V AC ±10% @ 50 Hz, 4 VA
Warming Period	:	5 minutes
Weight	:	1 Kg (approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	90 mm (H) x 225 mm (W) x 220 mm
Electronic buffer	:	Equivalent signal output of ideal electrode in solution of 9.20, 7.00, 4.00 pH. Useful for self diagnosis.
Electrode	:	EQ-700 Unbreakable APH Sleeved Glass + Reference Combined Electrode, Nano Technology Glass. ORP ELECTRODE AT EXTRA COST.
Accessories	:	Stand set, Electrode Clamp, Rod, Patch cord for Electronic buffer, Teflon magnet, Buffer tablets for 9.20, 7.00, 4.00 pH, Dust proof cover.
Technology	:	Quantum Zuerkst Certified

MODEL EQ-610

pH meter with built-in electronic buffer unbreakable electrode

Useful for U.G.



Readout	:	4 digit LED display
Range	:	pH: 0 to 14.00 pH mV: 0 to ± 1999 mV
Resolution	:	pH: 0.01 pH mV: 1 mV
Accuracy	:	pH: ± 0.01 pH ± 1 least count mV: ± 0.01% ± 1 least count
Temp. comp.	:	0 to 100°C
Power required	:	230 V AC ±10% 50 Hz, 4 VA
Warming Period	:	5 minutes
Weight	:	1 Kg (approx.) Body : ABS
Dimension	:	80 mm (H) x 235 mm (W) x 155 mm (L)
Electronic buffer	:	Equivalent signal output of ideal electrode in solution of 9.20, 7.00, 4.00 pH. Useful for self diagnostic.
Electrode	:	EQ-700 Unbreakable APH Sleeved Glass + Reference Combined Electrode Nano Technology Glass.
Accessories	:	Stand set, Patch cord for Electronic buffer, Buffer tablets for 9.20, 7.00, 4.00 pH, Screwdriver and Dust proof cover
Technology	:	Quantum Zuerkst Certified

DIGITAL pH METER

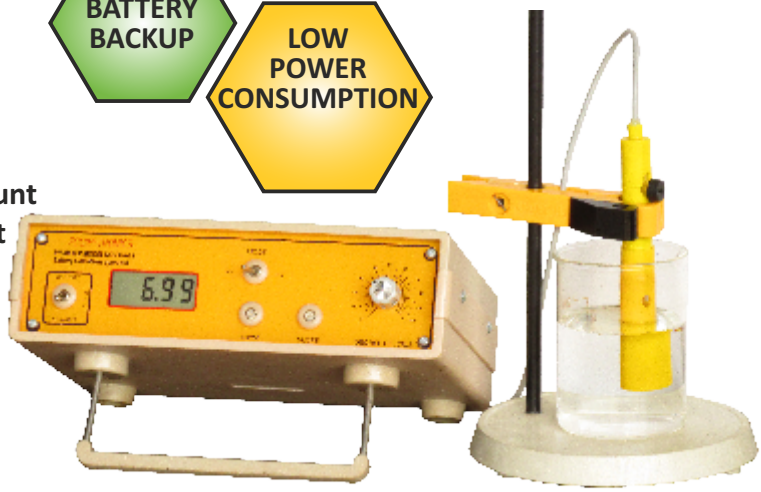
MODEL EQ-615

pH Meter with Battery Backup with built-in Electronic Buffer

Useful for areas where there are frequent power failure

BATTERY BACKUP

LOW POWER CONSUMPTION



Readout	:	4 digit LCD display
Range	:	pH: 0 to 14.00 pH mV: 0 to ± 1999 mV
Resolution	:	pH: 0.01 pH mV: 1 mV
Accuracy	:	pH: ± 0.01 pH ± 1 least count mV: ± 0.1% ± 1 least count
Temp. comp.	:	0 to 100°C
Power required	:	230 V AC ± 10% 50 Hz, 4 VA or 9 V battery
Warming time	:	5 minutes
Weight	:	1 Kg (approx.)
Body	:	ABS
Dimension	:	80 mm (H) x 235 mm (W) x 155 mm (L)
Electronic buffer	:	Equivalent signal output of ideal electrode in solution of 9.20, 7.00, 4.00 pH. Useful for self diagnostic.
Electrode	:	EQ-700 Unbreakable APH Sleeved Glass + Reference Combined Electrode Nano Technology Glass.
Accessories	:	Stand set, Patch cord for Electronic buffer,Buffer tablets for 9.20, 7.00, 4.00 pH, Screwdriver and Dust proof cover
Technology	:	Quantum Zuerkst Certified

MODEL EQ-612

POCKET pH METER (useful for field work) 0-14 pH Battery operated

Useful for Printing, Water plant, Agriculture

IDEAL FOR FIELD WORK

LIGHT WEIGHT. HAND HELD.

LOW POWER CONSUMPTION



Readout	:	4 digits LCD display
Range	:	pH: 0 to 14.00
Resolution	:	pH: 0.01
Accuracy	:	pH: ± 0.01 pH , ±1 least count
Temp. comp.	:	0 to 100° C.
Power required	:	9 V battery
Weight	:	200 gms. (approx.)
Dimension	:	40 mm (H) x 75 mm (W) x 140 mm (L)
Electrode	:	EQ-700 Unbreakable APH Sleeved Glass + Reference Combined Electrode Nano Technology Glass
Accessories	:	Buffer tablets for 9.20, 7.00, 4.00 pH, Screwdriver and Carry case

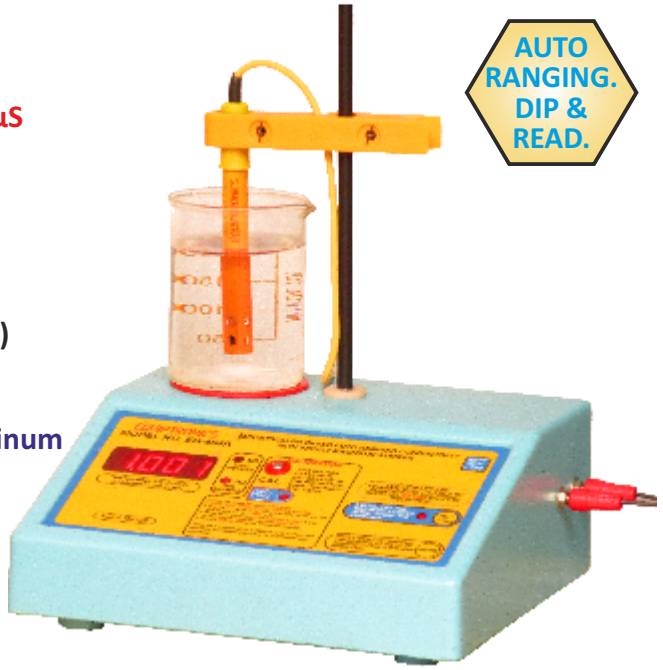
DIGITAL CONDUCTIVITY METER (EC METER)

MODEL EQ-664A

AUTO RANGING CONDUCTIVITY METER with inbuilt magnetic stirrer & standard conductance (useful for titration) Selects the right working range

Useful for Post Graduate, Industry, Titration

Readout	:	4 digit LED display
Unit of meas.	:	SIEMENS (MHO)
Range	:	0.001µS to 200 mS in six auto ranges
Six ranges	:	200 mS, 20mS, 2mS, 200 µS, 20 µS, 2 µS
Accuracy	:	± 1% ± last 1 digits
Power required	:	230 V AC ± 10% @50 Hz, 6 VA
Weight	:	1 Kg. (Approx.)
Body	:	NANO CRYSTALLINE ABS™
Warming period	:	5 minutes
Dimension	:	90 mm (H) x 225 mm (W) x 220 mm (L)
Standard cond.	:	Conductance of 1.000 mS
Electrode	:	EQ-708A Unbreakable APH Sleeved Conductivity Cell (K=1) Platinized Platinum
Stirrer speed	:	500 RPM Fixed
Accessories	:	Teflon magnet, Electrode clamp, Rod, Screwdriver, and Dust proof cover
Technology	:	Quantum Zuerkst Certified



MODEL EQ-660B

Microprocessor based with built-in std. conductance & unbreakable APH Sleeved Electrode

Useful for U.G.



Readout	:	4 digit LED display
Unit of meas.	:	MHO (SIEMENS)
Range	:	0.001µS to 200mS in 6 ranges
Six ranges	:	200mS, 20mS, 2mS 200µS, 20µS, 2µS
Accuracy	:	± 1% ± last 1 digits
Power required	:	230 V AC ± 10% @ 50 Hz, 5 VA
Warming period	:	5 minutes
Weight	:	1Kg (approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	90 mm (H) x 225 mm (W) x 220 mm (L)
Standard cond.	:	Conductance of 1.000 m℧
Electrode	:	EQ-708A Unbreakable APH Sleeved, Platinized Platinum Conductivity Cell (K=1)
Accessories	:	Stand set, Screwdriver and Dust proof cover
Technology	:	Quantum Zuerkst Certified

DIGITAL CONDUCTIVITY METER (EC METER)

MODEL EQ-662

POCKET CONDUCTIVITY METER with unbreakable cell battery operated

Useful for field work & Chemical Plant, Printing Industry, Agriculture, Water Industry, Fish Farming

IDEAL FOR FIELD WORK

LIGHT WEIGHT. HAND HELD.

LOW POWER CONSUMPTION

WELL LAID OUT PANEL WITH NOTES & INSTRUCTIONS



Readout	:	4 digit LCD display
Unit of meas.	:	SIEMENS
Range	:	1 µS to 200 mS in three ranges
Three ranges	:	2 mS (2000 µS), 20 mS, 200 mS selectable by switch
Accuracy	:	± 1% ± last 2 digits
Power required	:	9 V battery
Weight	:	200 gms. (approx.)
Dimension	:	40 mm (H) x 75 mm (W) x 140 mm (L)
Electrode	:	EQ-708A Unbreakable APH Sleeved Conductivity Cell (K=1) Platinized Platinum
Accessories	:	Screwdriver and Carry case
Technology	:	Quantum Zuerkst Certified

MODEL EQ-665

CONDUCTIVITY METER with battery backup and built-in standard conductance

Useful for areas where there is power failure

WELL LAID OUT PANEL WITH NOTES & INSTRUCTIONS

ALL FEATHER TOUCH CONTROLS

INBUILT RECHARGEABLE BATTERY BACKUP

DIGITAL BAND SWITCH

LOW POWER CONSUMPTION



Readout	:	4 digit LED display
Unit of meas.	:	MHO/SEIMENS
Range	:	0.001µS to 200 mS in six ranges
Six ranges	:	200 mS, 20 mS , 2mS, 200µS, 20 µS, 2µS
Accuracy	:	± 1% ± last 2 digits
Power required	:	230 V AC ± 10%, 50 Hz, 5 VA or Inbuilt rechargeable battery
Warming period	:	Instant
Weight	:	1 Kg. (Approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	80 mm (H) x 235 mm (W) x 155 mm (L)
Standard cond.	:	Conductance of 1.000 mS
Electrode	:	EQ-708A Unbreakable APH Sleeved Conductivity Cell (K=1) Platinized Platinum
Accessories	:	Stand set, Screwdriver and Dust proof cover
Technology	:	Quantum Zuerkst Certified

DIGITAL CONDUCTIVITY METER (EC METER)

MODEL EQ-661

CONDUCTIVITY METER with Auto Temperature compensation & thermometer.

Useful for Industry, Research, Pharmaceuticals



Readout	:	4 digit LED display
Unit of measurement	:	a) Conductivity : MHO b) Temp. : °Celcius (°C)
Range	:	0.001µS to 200mS in 6 ranges
Measuring Ranges	:	200mS, 20mS, 2mS, 200µS, 20µS, 2µS
Accuracy	:	± 1% ± last 1 digit
Alpha (a)	:	0 - 9.99
Temp. comp	:	0 to 60°C ATC
Power required	:	230 V AC ± 10%, 50 Hz, 10 VA
Warming period	:	5 minutes
Weight	:	1.2 Kg (approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	95 mm (H) x 155mm (W) x 285 mm (L)
Electrode	:	EQ-708AT Unbreakable APH Sleeved Conductivity Cell (K=1) Platinized Platinum
Accessories	:	Stand set, Screwdriver and Dust proof cover
Technology	:	Quantum Zuerkst Certified

MODEL EQ-667

AUTO RANGING CONDUCTIVITY METER with built-in standard conductance (selects right working range)

Useful for Research, Industry



Readout	:	4 digit LED display
Unit of meas.	:	SIEMENS (mho)
Range	:	0.001µS to 200 mS in six auto ranges
Six ranges	:	200mS, 20mS, 2mS, 200µS, 20µS, 2µS
Accuracy	:	± 1% ± last 1 digits
Power required	:	230 V AC ± 10%, 50 Hz, 5 VA
Weight	:	1 Kg (approx.)
Body	:	NANO CRYSTALLINE ABS™
Warming period	:	5 minutes
Dimension	:	80 mm (H) x 235 mm (W) x 155 mm (L)
Standard Conductance	:	Inbuilt Standard Conductance of 1 mS
Electrode	:	EQ-708A Unbreakable APH Sleeved Conductivity Cell (K=1) Platinized Platinum
Accessories	:	Stand set, Patch cord for Standard Conductance, Screwdriver and Dust proof cover
Technology	:	Quantum Zuerkst Certified

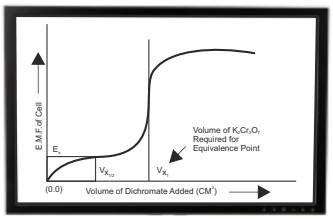
DIGITAL POTENTIO METER

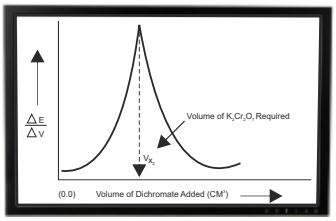
MODEL EQ-607

POTENTIOMETER with 0-1000 storage, PC Compatible with Magnetic Stirrer

Titration, Research, Industry, Pharmaceuticals

On Pressing a button store the reading.
Recall whenever required.
Can also be used without PC





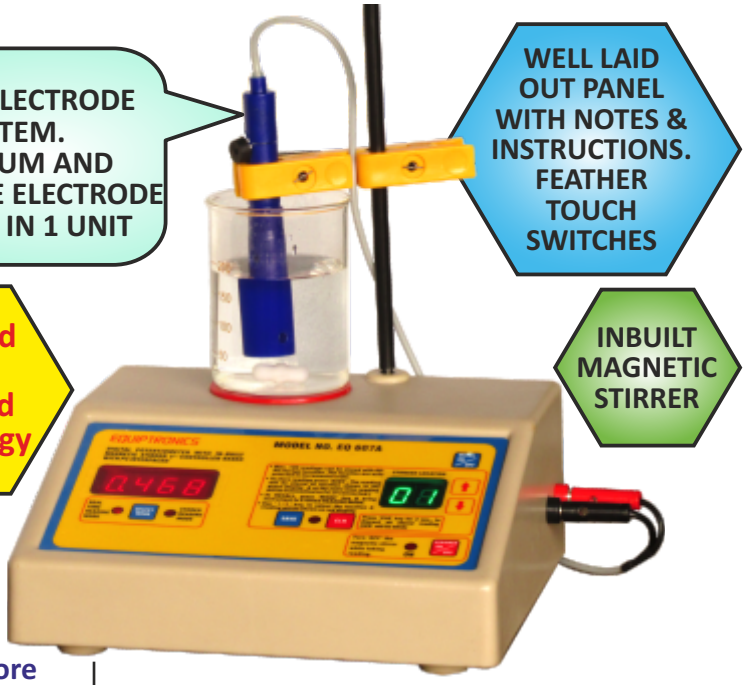
SINGLE ELECTRODE SYSTEM. PLATINUM AND REFERENCE ELECTRODE HOUSED IN 1 UNIT

WELL LAID OUT PANEL WITH NOTES & INSTRUCTIONS. FEATHER TOUCH SWITCHES

Designed using Patented Technology

INBUILT MAGNETIC STIRRER

AUTO CALIBRATION



Range	:	± 1.999 V
Readout	:	4 digit LED display
Storage	:	2 digit LED display, can store 0-100 values / 1000 in P.C.
Accuracy	:	0.001 Volts
PC Compatibility	:	USB connectivity
Power required	:	230 V AC ± 10% @ 50 Hz, 10VA.
Warming period	:	5 minutes
Weight	:	1 Kg (approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	80 mm(H) x 235 mm(W) x 150 mm (L)
Calibration	:	AUTO CALIBRATION on POWER ON with inbuilt STD Cell of 1.018V.

Accessories	:	EQ-703 Special Pt + Ref Combined Electrode KCl filled, Stand set & rod, Nano Technology Glass
Technology	:	Quantum Zuerkst Cert.
Recommended Electrodes (At extra cost)	:	EQ-707 Ag/Al/Zn/Cu Metallic Electrodes EQ-704 Calomel Electrode (Hg/HgCl KCL filled) EQ-705 Reference Electrode (Ag/AgCl KCL filled)

MODEL EQ-601

POTENTIOMETER with built-in magnetic stirrer & standard cell One Button Calibration. µP based.

U.G., P.G.,

DUAL CHANNEL

AUTO CALIBRATION



Channel	:	DUAL CHANNEL
Range	:	± 1.999 V
Readout	:	4 digit LED display
Accuracy	:	0.001 Volts
Power required	:	230 V AC ± 10% @50 Hz, 10 VA
Warming period	:	5 minutes
Weight	:	1 Kg. (Approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	80 mm (H) x 235 mm (W) x 155 mm (L)
Calibration	:	AUTO CALIBRATION on POWER ON with inbuilt STD Cell of 1.018V.
Accessories	:	Screwdriver & Dust proof cover, Unbreakable APH Sleeved, EQ-706 Platinised Platinum electrode (25MM^2 platinum plate), Unbreakable APH Sleeved, EQ-705 Reference Electrode (Ag/AgCl KCL filled)
Technology	:	Quantum Zuerkst Certified
Recommended Electrodes (At extra cost)	:	EQ-703 Pt + Reference combined (KCL filled) EQ-707 Ag/Al/Zn/Cu Metallic Electrodes EQ-704 Calomel Electrode (Hg/HgCl KCL Filled)

DIGITAL POTENTIO METER

MODEL EQ-602 A

POTENTIOMETER with built-in Variable speed Magnetic Stirrer & Standard cell. 10µA Current source. µP based.

U.G., P.G., Research

Range	:	± 1.999 V
Readout	:	4 digit LED display
Accuracy	:	0.001 Volts
Standard cell	:	1.018V inbuilt
Current Source	:	10µA Constant Current
Stirrer speed	:	50-500 RPM Variable
Power required	:	230 V AC ± 10%, 50 Hz, 10VA
Warming period	:	5 minutes
Weight	:	1 Kg. (Approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	90 mm (H) x 225 mm (W) x 220 mm (L)
Accessories	:	Unbreakable APH Sleeved, EQ-703 Pt + Reference combined (KCL filled), Electrode clamp, Rod, Teflon magnet, Screwdriver & Dust proof cover
Technology	:	Quantum Zuerkst Certified
Recommended Electrodes (at extra cost)	:	EQ-706 Platinised Platinum electrode (25MM² platinum plate) EQ-707 Ag/Al/Zn/Cu Metallic Electrodes EQ-704 Calomel Electrode (Hg/HgCl KCL filled) EQ-705 Reference Electrode (Ag/AgCl KCL filled)

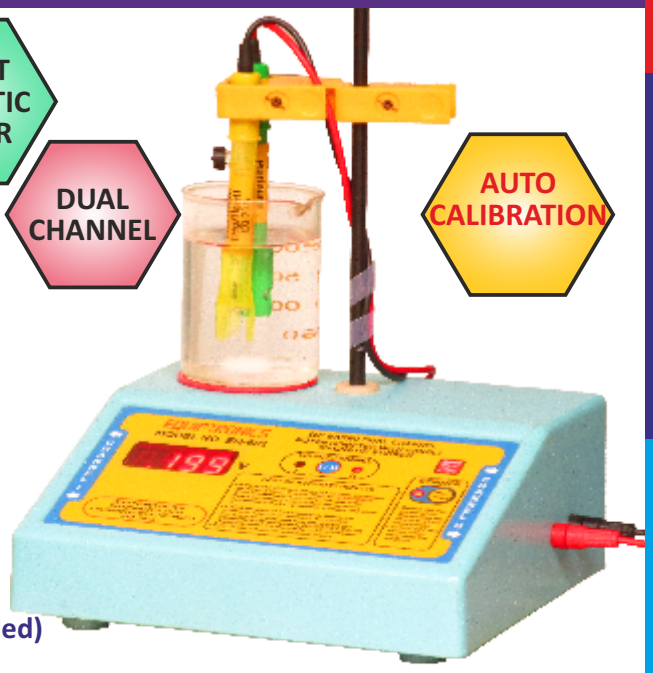


MODEL EQ-602

POTENTIOMETER with built-in magnetic stirrer & standard cell One Button Calibration. µP based.

U.G., P.G.,

Channel	:	DUAL CHANNEL
Range	:	± 1.999 V
Readout	:	4 digit LED display
Accuracy	:	0.001 Volts
Power required	:	230 V AC ± 10% @50 Hz, 10 VA
Warming period	:	5 minutes
Weight	:	1 Kg. (Approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	80 mm (H) x 235 mm (W) x 155 mm (L)
Calibration	:	AUTO CALIBRATION on POWER ON with inbuilt STD Cell of 1.018V.
Stirrer	:	Inbuilt Magnetic stirrer, 300 RPM fixed.
Accessories	:	Screwdriver & Dust proof cover, Unbreakable APH Sleeved, EQ-706 Platinised Platinum electrode (25MM² platinum plate), Unbreakable APH Sleeved, EQ-705 Reference Electrode (Ag/AgCl KCL filled), Magnetic paddle.
Technology	:	Quantum Zuerkst Certified
Recommended Electrodes (At extra cost)	:	EQ-703 Pt + Reference combined (KCL filled) EQ-707 Ag/Al/Zn/Cu Metallic Electrodes EQ-704 Calomel Electrode (Hg/HgCl KCL Filled)



ELECTRO GRAVIMETRIC APPARATUS

MODEL EQ-740

Useful for separation and determination of Metals by electro deposition

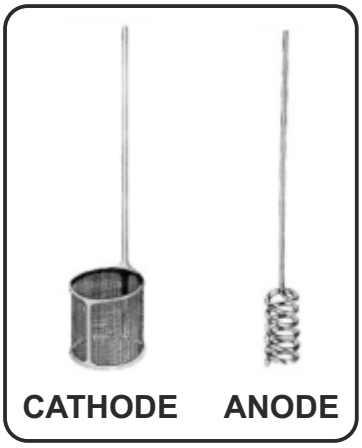
P.G., Research , Industry, Metalurgy, Mining etc.

THE ELECTROGRAVIMETRY APPARATUS REQUIRES SPECIAL, PLATINUM-IRIDIUM ALLOY, CATHODE AND ANODE (available at extra cost). PLEASE CONSULT US REGARDING THE PRICING OF THESE EXPENSIVE ELECTRODES BEFORE PLACING THE ORDER.

VERY FINE ADJUSTMENT OF VOLTAGE & CURRENT

INBUILT VARIABLE SPEED MAGNETIC STIRRER

IMAGE ONLY FOR REPRESENTATIVE PURPOSES.
THE WEIGHT AND PRICE OF THE ACTUAL ELECTRODES VARIES AND IS AVAILABLE UPON REQUEST.



CATHODE ANODE



Readout	:	**5 Digit for EMF & 5 Digit for Current.**
Stability	:	**Highly stable.**
Range	:	**0-15V DC, 0-10A.** Coloumb Potential. Very fine adjustment of EMF and Current.
Resolution	:	**EMF - 1mV** Current - 1mA
Accuracy	:	**EMF - ±1mV** Current - ±1mA
Safety	:	**Inbuilt Short Circuit protection & Current limit.**
Stirrer	:	**Variable speed. Dual phase wave drive technology.**
Body	:	**NANO CRYSTALLINE ABS™. Shock & Rust proof Light weight.**
Accessories	:	**Special beaker assembly, High quality patch cords, Dust proof cover.**
Power	:	**230 V ± 10% AC MAINS @50 Hz, 200 VA**
Weight	:	**15 Kg approximate.**
Dimensions	:	**450mm (L) x 320mm (H) x 420mm (D)**
Heater Control & Temperature sensor	:	**Inbuilt Hotplate and Temperature sensor.** (Upon request at extra cost)

DIGITAL POTENTIO METER

MODEL EQ-609

POTENTIOMETER battery operated research model chargeable battery with charger inbuilt, Factory calibrated

Useful for U.G., Research, Industry, Pharma

INBUILT RECHARGEABLE BATTERY BACKUP

WELL LAID OUT PANEL WITH NOTES & INSTRUCTIONS

NO MANUAL CONTROLS. LOW MAINTAI-NANCE.

Input Configuration	:	Bipolar
Full Scale Count	:	± 1.9999 Volts
Accuracy	:	±.0001 Volts
Polarity	:	Automatic sign change
Stirrer	:	Inbuilt Magnetic Stirrer
Battery Use	:	Approx. 3 hours use on full charge
Charging Time	:	4 hours to full charge
Weight	:	Approx. 1kg.
Power Input	:	230V AC @50 Hz ± 10%
Body Material	:	Corrosion proof Abs body
Accessories	:	Electrode clamp, Rod, Teflon magnet & Dust proof cover Unbreakable APH Sleeved, EQ-703 Pt + Reference combined (KCL filled)
Technology	:	Quantum Zuerkst Certified
Recommended Electrodes (At extra cost)	:	EQ-706 Platinised Platinum electrode (25MM² platinum plate) EQ-707 Ag/Al/Zn/Cu Metallic Electrodes EQ-704 Calomel Electrode (Hg/HgCl KCL filled) EQ-705 Reference Electrode (Ag/AgCl KCL filled)



MODEL EQ-606

Inbuilt Rechargeable Battery Cums Mains Operated

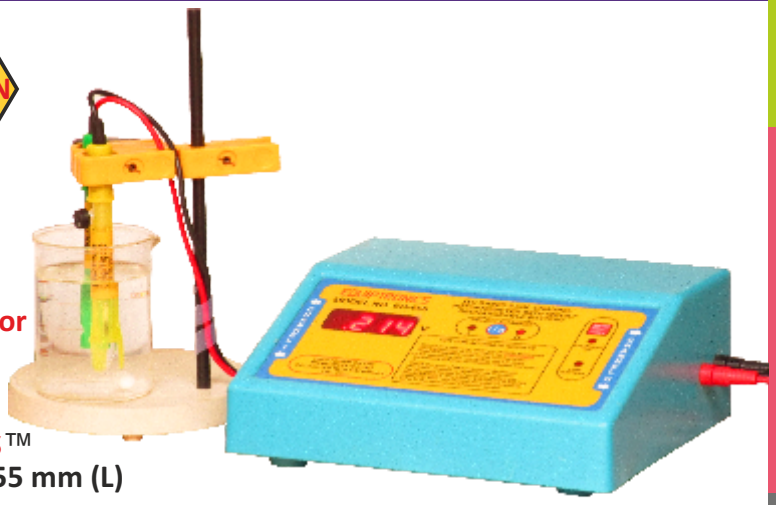
Useful for areas where there is power failure, U.G., Colleges

BATTERY BACKUP

LOW POWER CONSUMPTION

DUAL CHANNEL

AUTO CALIBRATION



Range	:	± 1.999 V
Accuracy	:	0.001 Volts
Readout	:	4 digit LED display
Power	:	Inbuilt Rechargeable Battery or 230V AC ± 10% 50 Hz, 20 VA
Warming period	:	5 minutes
Weight	:	1 Kg. (Approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	80 mm (H) x 235 mm (W) x 155 mm (L)
Technology	:	Quantum Zuerkst Certified
Calibration	:	AUTO CALIBRATION on POWER ON with inbuilt STD Cell of 1.018V.
Accessories	:	Pair of Patch cord for Std. Cell, Screwdriver and Dust proof cover, Unbreakable APH Sleeved, EQ-706 Platinised Platinum electrode (25MM² platinum plate), Unbreakable APH Sleeved, EQ-705 Reference Electrode (Ag/AgCl KCL filled)
Recommended Electrodes (at extra cost)	:	EQ-703 Pt + reference combined (KCL filled) EQ-707 Ag/Al/Zn/Cu Metallic Electrodes EQ-704 Calomel Electrode (Hg/HgCl KCL filled)

DIGITAL COLORIMETER

MODEL EQ-652

One button press micro controller based colorimeter with Square cuvette

Useful for Research, Pathology

Obtain readings at the press of button, the analysis have never been so speedy.
We are sure, after using it, you will find all other models and all other brands to be out dated
Introduction : EQ-652 is µcontroller based, digital colorimeter with Sharp inbuilt filters for pathological labs. There are no moving parts, all the operations are based on feather-touch switch. It reads '%T' mode or Absorption Mode (O.D.). **One Touch Calibration.**
The instrument is highly sensitive and employs C-MOS technology for accurate performance. It is designed for simple operations with durable functioning and permits speedy and accurate measurement in routine analysis. There are 10 inbuilt filters. More over it has in-built test tube stand. Zero adjustment is internally done by micro controller.

Function	:	% T & OD
Filters	:	Inbuilt filters, GaN based. 400, 420, 470, 500, 530, 560, 590, 620, 660, & 700 nm. Selection is done using soft touch keys.
Readout	:	3 digit LED display for %T & OD 3 digit LED display for Wavelength
Measurement	:	%T - 0-100% OD - 0-1.99
Accuracy	:	%T - ± 1% OD - ± 0.01
Light source	:	LED of infinite life
Detector	:	Photo cell
Cuvette	:	Square APH cuvette 10 mm path length optiglass window
Power required	:	230 V AC ± 10% 50 Hz, 10 VA
Warnimg time	:	5 minutes
Weight	:	1 Kg. (Approx)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	90 mm(H) x 225 mm(W) x 220 mm(L)
Sample quantity	:	2ml
Accessories	:	Square cuvette, Dust proof cover
Technology	:	Quantum Zuerkst Certified



Designed using Patented Technology

4 ON-BOARD CUVETTE HOLDERS

WELL LAID OUT PANEL WITH NOTES AND INSTRUCTIONS

ONE BUTTON OPERATION

UNBREAKABLE, SQUARE, OPTICALLY TRUE, APH CUVETTES





To over come defects in test tube cuvette, we have developed square cuvette made from Alpha poly-hydrocynide material with following features.

- Low volume
- Can with stand any solvent, acid and base
- Unbreakable square cuvette 10 mm path length
- Optical glass window all the cuvettes are matched
- No rotation effect, fits in same position
- Same reading each time with all the cuvettes

DIGITAL COLORIMETER

MODEL EQ-651 A

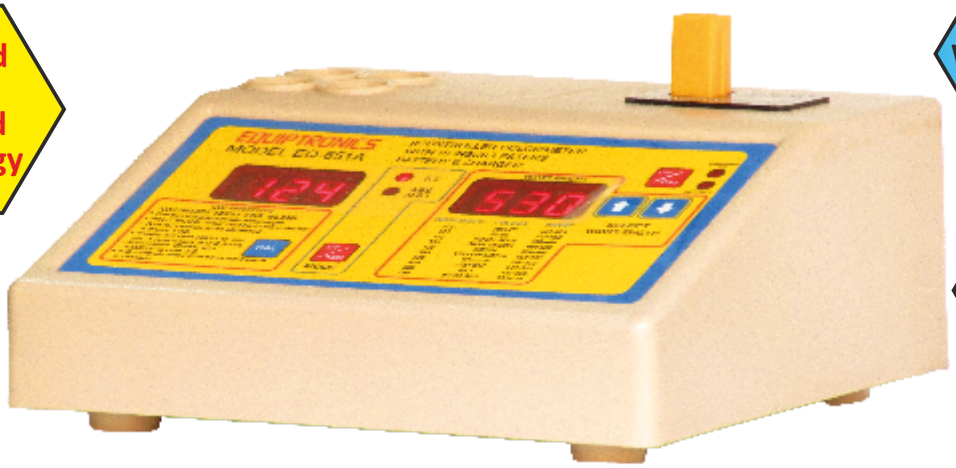
One button, µController based colorimeter with 10 inbuilt filters. Digital selection.

Useful for Research, Pathology

Obtain readings at the press of button, the analysis have never been so speedy.
We are sure, after using it, you will find all other models and all other brands to be out dated
Introduction : EQ-651A is µcontroller based, digital colorimeter with Sharp inbuilt filters for pathological labs. There are no moving parts, all the operations are based on feather-touch switch. It reads '%T' mode or Absorption Mode (O.D.). One Touch Calibration.
The instruments is highly sensitive and employs C-MOS technology for accurate performance. It is designed for simple operations with durable functioning and permits speedy and accurate measurement in routine analysis.
There are 10 inbuilt filters. More over it has in-built test tube stand. Zero adjustment is internally done by micro controller.

Microcontroller based colorimeter for BSc., MSc. and pathological labs

Designed using Patented Technology



WELL LAID OUT PANEL WITH NOTES AND INSTRUCTIONS

UNBREAKABLE, SQUARE, OPTICALLY TRUE, APH CUVETTES



FIRST EVER 10 WAVELENGTH DIGITAL SELECTION.

INBUILT RECHARGEABLE BATTERY BACKUP

MOST UNIQUE PATENTED CUVETTES

ONE BUTTON OPERATION

4 ON-BOARD CUVETTE HOLDERS

Function	:	% T & OD
Filters	:	Inbuilt filters, GaN based. 400, 420, 470, 500, 530, 560, 590, 620, 660, & 700 nm. Selection is done using soft touch keys.
Readout	:	3 digit LED display for %T & OD 3 digit LED display for Wavelength
Measurement	:	%T - 0-100% OD - 0-1.99
Accuracy	:	%T - ± 1% OD - ± 0.01
Light source	:	LED of infinite life
Detector	:	Photo cell
Cuvette	:	Square APH cuvette 10 mm path length optiglass window
Power required	:	230 V AC ± 10% 50 Hz, 10 VA/INBUILT RECHARGEABLE BATTERY
Warming time	:	5 minutes
Weight	:	1 Kg. (Approx)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	90 mm(H) x 225 mm(W) x 220 mm(L)
Sample quantity	:	1ml
Accessories	:	Square cuvette, Dust proof cover
Technology	:	Quantum Zuerkst Certified

DIGITAL COLORIMETER

With improved design you will find the same reading each time you insert the cuvette

Introduction :

The Photo-electric Colorimeters model EQ-650, EQ-650A, EQ-651A and EQ-653 are electronic controlled colorimeters. The instruments are highly sensitive and employs C-Mos technology for accurate performance. It is designed for simple operation with durable functioning and permits speedy and accurate measurement in routine analysis.

MODEL EQ-650

Separate Filters, Reads %T & OD, square cuvette

Useful for U.G. Colleges

Function	:	% T & OD
Filters	:	Separate German filters 400, 420, 470, 500, 530, 620, 660, & 700 nm
Readout	:	3 digit LED display
Measurement	:	a) %T - 0-100% b) OD - 0-1.99
Accuracy	:	%T – ± 1% - OD – ± 0.01
Light source	:	LED of infinite life
Detector	:	Photo cell
Cuvette	:	Square APH cuvette 10 mm path length optiglass window
Power required	:	230 V AC ± 10% 50 Hz, 10 VA
Warming time	:	5 minutes
Weight	:	1 Kg. (Approx)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	90 mm(H) x 225 mm(W) x 220 mm(L)
Sample quantity	:	1ml
Accessories	:	Square cuvette, Dust proof cover
Technology	:	Quantum Zuerkst Certified



MODEL EQ-650A

Disc Mounted Filters, Reads %T & OD, square cuvette

Useful for U.G. Colleges

Function	:	% T & OD
Filters	:	Disc mounted German filters 400, 420, 470, 500, 530, 620, 660, & 700 nm. All the eight filters are mounted on the disc. Selection is done by rotation of disc. The disc will be locked in desired position
Readout	:	3 digit LED display
Measurement	:	A) %T - 0-100% B) OD - 0-1.99
Accuracy	:	%T – ± 1% - OD – ± 0.01
Light source	:	LED of infinite life
Detector	:	Photo cell
Cuvette	:	Square APH cuvette with 10 mm path length Optiglass window
Power required	:	230 V AC ± 10% 50 Hz, 10 VA
Warming time	:	5 minutes
Weight	:	1 Kg. (Approx)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	90 mm(H) x 225 mm(W) x 220 mm(L)
Sample quantity	:	1ml
Accessories	:	Square cuvette, Dust proof cover
Technology	:	Quantum Zuerkst Certified



DIGITAL COLORIMETER

MODEL EQ-653

Disc Mounted Filters, Reads %T & OD

Useful for U.G., P.G., Microbiology, Pathology, Colleges

Function	:	% T & OD
Filters	:	Disc mounted German filters 400, 420, 470, 500, 530, 620, 660, & 700 nm. All the eight filters are mounted on the disc. Selection is done by rotation of disc. The disc will be locked in desired position
Readout	:	3 digit LED display
Measurement	:	A) %T - 0-100% B) OD - 0-1.99
Accuracy	:	%T – ± 1% - OD – ± 0.01
Light source	:	LED of infinite life
Detector	:	Photo cell
Cuvette	:	Cylindrical Optiglass cuvette 10 mm path length OR SIDE ARM FLASK
Power required	:	230 V AC ± 10% 50 Hz, 10 VA
Warming time	:	5 minutes
Weight	:	1 Kg. (Approx)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	90 mm(H) x 225 mm(W) x 220 mm(L)
Sample quantity	:	1ml
Accessories	:	Square cuvette, Dust proof cover
Technology	:	Quantum Zuerkst Certified



4 ON-BOARD CUVETTE HOLDERS

WELL LAID OUT PANEL WITH NOTES AND INSTRUCTIONS



ONE BUTTON OPERATION

DIGITAL TDS METER

MODEL EQ-680

6 Ranges. From 0.001PPM to 200PPT.

Useful for Water Analysis in industries

WELL LAID OUT PANEL WITH NOTES & INSTRUCTIONS

ALL FEATHER TOUCH CONTROLS

DIGITAL BAND SWITCH

DIP AND READ



Readout	:	4 digit LED display
Range	:	0.001 PPM to 200 PPT in six ranges
Six ranges	:	2PPM, 20PPM, 200PPM, 2PPT, 20PPT, 200PPT
Accuracy	:	± 1% ± 1 least count
Power required	:	230 V AC ± 10% @ 50 Hz, 10VA.
Warming time	:	5 minutes
Weight	:	1 Kg (approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	90 mm(H) x 225 mm(W) x 220 mm(L)
Standard TDS	:	Inbuilt STD TDS of 0.5 PPT.
Electrode	:	EQ-708A Unbreakable APH Sleeved Conductivity Cell (K=1)
Accessories	:	Stand set, Screwdriver and Dust proof cover
Technology	:	Quantum Zuerkst Certified

DIGITAL TDS METER

MODEL EQ-681

TDS METER with Auto Temperature compensation & thermometer.

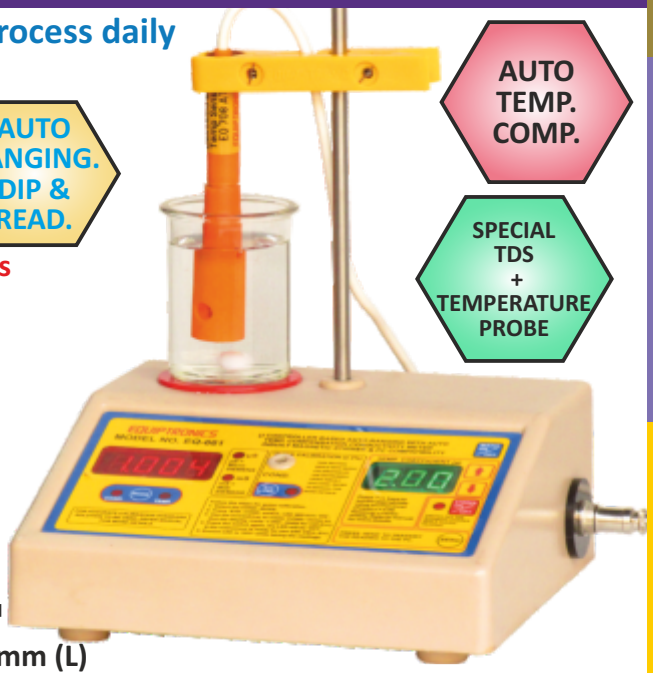
Useful for Industry, Research, Pharmaceuticals

No need to carry out time consuming gravimetry process daily

AUTO RANGING. DIP & READ.

AUTO TEMP. COMP.

SPECIAL TDS + TEMPERATURE PROBE



Readout	:	4 digit LED display
Unit of measurement	:	a) TDS : PPM & PPT b) Temp. : °Celcius (°C)
Range	:	0.001PPM to 200PPT in 6 ranges
Measuring Ranges	:	200PPT, 20PPT, 2PPT, 200PPM, 20PPM, 2PPM
Accuracy	:	± 1% ± last 1 digit
Alpha (a)	:	0 - 9.99
Temp. comp	:	0 to 60°C ATC
Power required	:	230 V AC ± 10%, 50 Hz, 10 VA
Warming period	:	5 minutes
Weight	:	1.2 Kg (approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	95 mm (H) x 155mm (W) x 285 mm (L)
Electrode	:	EQ-708AT Unbreakable APH Sleeved Conductivity Cell (K=1) Platinized Platinum
Accessories	:	Stand set, Screwdriver and Dust proof cover
Technology	:	Quantum Zuerkst Certified

MODEL EQ-682

3 Ranges. From 0.001PPT to 200PPT.

Useful for field work.

WELL LAID OUT PANEL WITH NOTES & INSTRUCTIONS

IDEAL FOR FIELD WORK

LIGHT WEIGHT. HAND HELD.



Readout	:	4 digit LCD display
Unit of meas.	:	PPT
Range	:	1 PPM to 200 PPT in three ranges
Three ranges	:	2 PPT (2000 PPM), 20 PPT, 200 PPT selectable by switch
Accuracy	:	± 1% ± last 1 digits
Power required	:	9 V battery
Weight	:	200 gms. (approx.)
Dimension	:	40 mm (H) x 75 mm (W) x 140 mm (L)
Accessories	:	Screwdriver and Carry case
Technology	:	Quantum Zuerkst Certified
Electrode	:	EQ-708A Unbreakable APH Sleeved Conductivity Cell (K=1) Platinized Platinum

DIGITAL ORP METER

MODEL EQ-640

-2000mV to +2000mV. DIP & READ. Inbuilt Magnetic stirrer

Useful for Industry, Pharmaceuticals

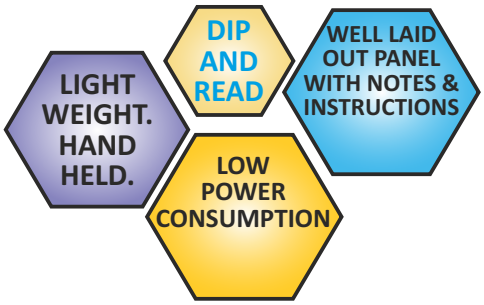
Readout	:	4 digit LED display
Measurement	:	ORP/mV
Range	:	0 to ± 1999 mV
Resolution	:	1 mV
Accuracy	:	± 0.1% ± 1 least count
Power required	:	230 V AC ± 10% 50 Hz, 4 VA
Warming time	:	5 minutes
Weight	:	1 Kg (approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	80 mm (H) x 235 mm (W) x 153 mm (L)
Electrode	:	EQ-703 Unbreakable APH Sleeved ORP Electrode
Accessories	:	Stand set, Calibration Solution, Screwdriver & Dust proof cover
Technology	:	Quantum Zuerkst Certified
Stirrer	:	Inbuilt Magnetic stirrer, 300 RPM fixed.



MODEL EQ-642

-2000mV to +2000mV. DIP & READ.

Useful for field work.





Readout	:	4 digit Low Power LCD display
Measurement	:	ORP/mV
Range	:	0 to ± 1999 mV
Resolution	:	1 mV
Accuracy	:	± 0.1% ± 1 least count
Power required	:	9V alkaline battery.
Warming time	:	5 minutes
Weight	:	200g (approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	40 mm (H) x 75 mm (W) x 140 mm (L)
Electrode	:	EQ-703 Unbreakable APH Sleeved ORP Electrode
Accessories	:	Calibration Solution & Screwdriver
Technology	:	Quantum Zuerkst Certified

DIGITAL DISSOLVED OXYGEN METER

MODEL EQ-694

Electrochemical Type Electrode (membrane Type), Temperature Compensation

Useful for Colleges, Fisheries, Laboratories, Marine research

Readout	:	4 digit LED display
Range	:	0 to 100.0 PPM Full scale
Resolution	:	0.1 PPM
Accuracy	:	± 1 least count
Temp. Comp.	:	0 to 60°C
Calibration	:	2 point
Technology	:	Quantum Zuerkst Certified
Power required	:	230 V AC ±10% 50 Hz, 4 VA
Warming Period	:	5 minutes
Weight	:	1 Kg (approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	90 mm (H) x 225 mm (W) x 220 mm (L)
Electrode	:	PVC Body Electrochemical Type (TETRA HYDRO-XYLINE membrane)
Stirrer speed	:	500 RPM fixed.
Accessories	:	D.O. Probe, 3 piece DO Membrane cap, Stand set, Electrode clamp, Rod, teflon magnet, screwdriver, Dust proof cover & Aerator kit.

THE ELECTRODE CONSUMES OXYGEN AS IT READS. SO IT IS NECESSARY TO STIR THE SAMPLE TO MAINTAIN UNIFORMITY OF OXYGEN. HENCE WE HAVE PROVIDED AN INBUILT MAGNETIC STIRRER.

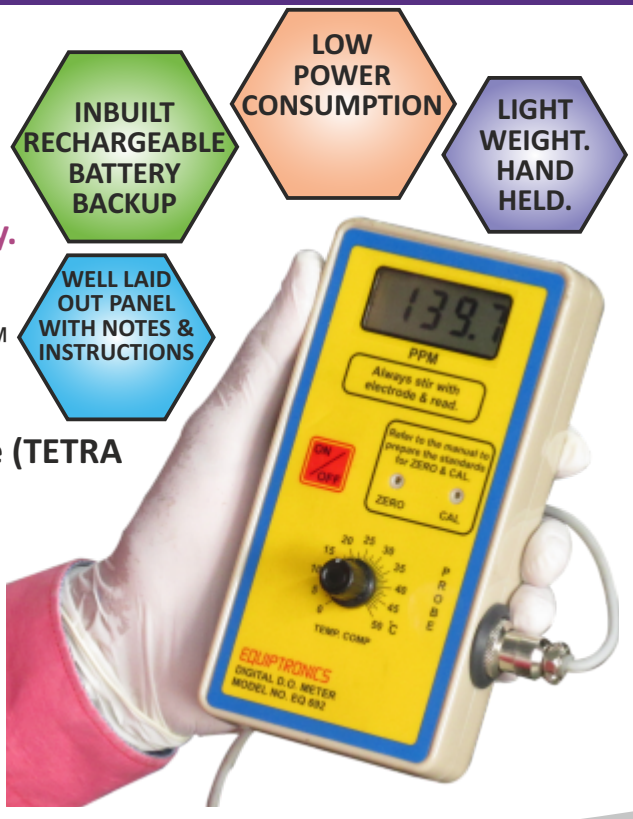


MODEL EQ-692

Electrochemical Type Electrode (membrane Type), Temp. Comp.

Useful for Fisheries, Laboratories, Marine research, Chemical plants,

Readout	:	4 digit LCD display
Range	:	0 to 100.0 PPM Full scale
Resolution	:	0.1 PPM
Accuracy	:	± 1 in the last digit
Temp. Comp.	:	0 to 60°C
Power required	:	9V Inbuilt Rechargeable battery.
Warming Period	:	5 minutes
Weight	:	1 Kg (approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	90 mm (H) x 225 mm (W) x 220 mm (L)
Electrode	:	PVC Body Electrochemical Type (TETRA HYDRO XYLINE membrane)
Accessories	:	D.O. Probe, 3 piece DO Membrane cap, screwdriver, Battery charging adapter & Aerator kit.
Calibration	:	2 point
Technology	:	Quantum Zuerkst Certified

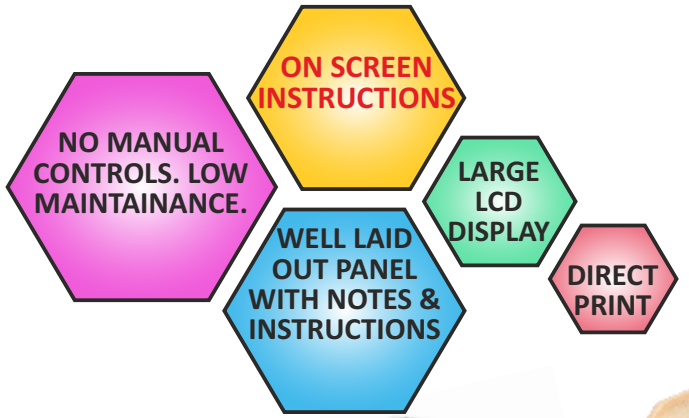


DIGITAL TURBIDITY METER (NEPHOLOMETER)

MODEL EQ-813

3 Ranges. Multi point graph. Auto curve fitting. Direct printing. PC compatibility. Inbuilt calibration validity.

Useful for Drinking Water plants, Chemical plants, Pharmaceutical Industries, Research





* image only for representative purposes.

Display	:	20 x 4 Super bright LCD Display
Readout	:	4 digit
Ranges	:	0-20, 0 - 200 & 0 - 2000 NTU
Resolution	:	0.1 NTU in 20 & 200 range 1 NTU in 2000 range
Accuracy	:	± 0.3% FSR 0-20 NTU ± 0.5% FSR 20-200 NTU ± 1% FSR 200-800 NTU ± 5% FSR >800 NTU
Calibration	:	Multi Point (upto 7 seven points) with Calibration validity & One Point Daily Calibration
Optics	:	Non linear Ortho-Cylindrical Optics.
Stray light	:	< 0.1%
Technology	:	Quantum Zuerkst Certified
Power required	:	230 V AC ± 10% 50 Hz, 20VA. with inbuilt stabilizer
Warming time	:	15 minutes
Other features	:	3 User System, Inbuilt Real time clock, Storage of readings in Instrument and transmission to connected PC with date & time stamp. (Mention required connectivity, PC or PRINTER, on order placement)
Sample Volume	:	10 ml
Weight	:	1 Kg (approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	90 mm (H) x 225 mm (W) x 220 mm (L)
Accessories	:	OPTI-Glass Screw cap vials set of 2 pieces EQ-SCV, 2 bottles of standard solution (A and B), Dust proof cover & operation manual. PRINTER AT EXTRA COST.

DIGITAL TURBIDITY METER (NEPHOLOMETER)

MODEL EQ-811

200 / 2000 NTU

Useful for Under Graduate Colleges

MINIMAL STRAY LIGHT



Readout	:	4 digit LED display
Range	:	0 - 200 & 0 - 2000 NTU
Resolution	:	0.1 NTU in 200 range 1 NTU in 2000 range
Accuracy	:	± 0.3% FSR 0-20 NTU ± 0.5% FSR 20-200 NTU ± 7% FSR 200-800 NTU ± 12% FSR >800 NTU
Power required	:	230 V AC ± 10% 50 Hz with inbuilt stabilizer
Warming time	:	5 minutes
Weight	:	1 Kg (approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	90 mm (H) x 225 mm (W) x 220 mm (L)
Accessories	:	Opti-glass Screw capped vials, set of 2 pieces, 1 bottle each of standard solution (A and B), Dust proof cover & operation manual.
Sapmle Volume	:	10 ml
Technology	:	Quantum Zuerkst Certified

MODEL EQ-812

Pocket turbidity meter with dip type probe

Useful For Field Work, Soil Testing, Water Industry,

WELL LAID OUT PANEL WITH NOTES & INSTRUCTIONS

LIGHT WEIGHT. HAND HELD.

IDEAL FOR FIELD WORK

INBUILT RECHARGEABLE BATTERY

Designed using Patented Technology





Sensor	:	Photodiode
Readout	:	4 digit LCD display
Range	:	0-2000 NTU
Resolution	:	1 NTU
Accuracy	:	± 0.3% FSR 0-20 NTU ± 0.5% FSR 20-200 NTU ± 7% FSR 200-800 NTU ± 12% FSR >800 NTU
Power required	:	9V rechargeable battery with AC MAINS charging adapter.
Warming time	:	2 minutes
Body	:	NANO CRYSTALLINE ABS™
Weight	:	200 g approx.
Dimension	:	165mm (L) x 85mm (W) x 30mm (H)
Accessories	:	Sensor probe, screw driver for calibration, carry case, 2 bottles of standard solution (A & B), charging adapter, operation manual
Sample volume	:	100mL
Technology	:	Quantum Zuerkst Certified

3 in 1 – COMBO - Models

MODEL EQ-631

PH + Potentiometer + Magnetic Stirrer

DIP AND READ

MULTI PARA pH + POTEN-TIOMETER

WELL LAID OUT PANEL WITH NOTES & INSTRUCTIONS

INBUILT RECHARGEABLE BATTERY BACKUP



pH METER

Readout	:	4 digit LED display
Range	:	0 to 14.00 pH
Resolution	:	pH: 0.01pH
Accuracy	:	pH ± 0.01 ± 1 least count
Power required	:	230 V AC ± 10% @ 50 Hz, 4 VA. Inbuilt Rechargeable battery
Warming period	:	5 minutes
Weight	:	2 Kg Body : ABS
Stirrer Speed	:	500 RPM fixed
Dimension	:	100 mm (H) x 230 mm (W) x 240 mm (L)
Accessories	:	Stand set, Electrode Clamps, patch cord For electronic buffer, buffer tablets for 9.2, 7.00, 4.00 pH Screwdriver, Dust proof cover & Telfon Magnet.
Electrode	:	EQ-700 Unbreakable APH Sleeved Glass + Reference Combined Electrode
Electronic Buffer	:	Equivalent signal output of ideal electrode in solution of 9.2, 7.00, 4.00 pH useful for self diagnostic

POTENTIOMETER

No need of Calibration

Readout	:	4 digit LED display
Range	:	± 1.999 V
Accuracy	:	0.001 V
Electrode	:	EQ-703 Pt + reference combined (KCL filled)

MODEL EQ-634

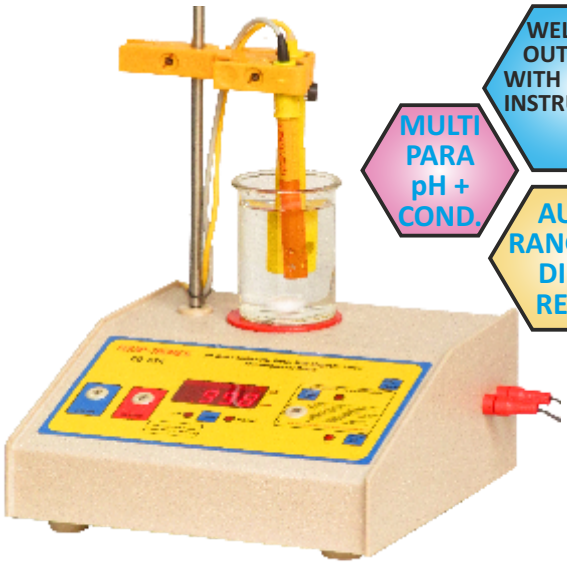
pH + Auto-ranging Conductivity Meter + Magnetic Stirrer

COMBO MODEL

WELL LAID OUT PANEL WITH NOTES & INSTRUCTIONS

MULTI PARA pH + COND.

AUTO RANGING. DIP & READ.



pH METER

Readout	:	4 digit LED display
Range	:	0 to 14.00 pH
Resolution	:	pH: 0.01pH
Accuracy	:	pH ± 0.01 ± 1 least count
Power required	:	230 V AC ± 10% @ 50 Hz, 4 VA. Inbuilt Rechargeable battery
Warming period	:	5 minutes
Weight	:	2 Kg Body : ABS
Stirrer Speed	:	500 RPM fixed
Dimension	:	100 mm (H) x 230 mm (W) x 240 mm (L)
Accessories	:	Stand set, Electrode Clamps, patch cord for electronic buffer, buffer tablets for 9.2, 7.00, 4.00 pH, Screwdriver, Dust proof cover & Telfon Magnet.
Electrode	:	EQ-700 Unbreakable APH Sleeved Glass + Reference Combined Electrode
Electronic Buffer	:	Equivalent signal output of ideal electrode in solution of 9.2, 7.00, 4.00 pH useful for self diagnostic

CONDUCTIVITY METER

Readout	:	4 digit LED display
Units of Meas	:	SIEMENS
Auto-ranging	:	0.001µs to 200ms, 2ms in six auto ranges (200ms, 20ms, 2ms, 200µs, 20µs, 2µs)
Accuracy	:	± 1% ± 1 last digit
Conductance	:	Conductance of 1.000ms
Electrode	:	EQ-708A Unbreakable APH Sleeved Conductivity Cell(K=1)

DIGITAL CONDUCTIVITY + pH METER

MODEL EQ-632

Portable RECHARGEABLE Battery Operated
pH • CONDUCTIVITY • THERMOMETER

Useful for field work, water testing, printing industry



MULTI PARAMETER INSTRUMENT. FITS IN THE PALM OF YOUR HAND

RECHARGEABLE BATTERY. LOW POWER CONSUMPTION

IDEAL FOR FIELD WORK

SPECIAL CONDUCTIVITY + TEMPERATURE PROBE

MULTI PARA pH COND. TEMP.

SPECIAL pH + TEMPERATURE PROBE



COMBO MODEL

Readout	: 4 digit LCD display
Function	: pH, conductivity and temp.
Power required	: 9V rechargeable battery with charging adapter
Warming time	: Instant
Weight	: 800 gms. (Approx.)
Body	: NANO CRYSTALLINE ABS™
Dimensions	: 70 mm (H) x 160 mm (W) x 115 mm (L)
Accessories	: Buffer tablets for 9.20, 7.00, 4.00 pH, Screwdriver and Carry case

THERMOMETER

Range :0 - 100°C
Resolution : 0.1°C
Accuracy : 0.5°C

*STAND SET, ROD, BEAKERS AND CLIP NOT PART OF ACCESSORIES

pH METER

Range	: 0 to 14.00 pH
Resolution	: 0.01 pH
Accuracy	: ± 0.01 pH ± 1 least count
Temp. comp.	: 0 to 80°C ATC
Electrode	: EQ-700 Unbreakable APH Sleeved Glass + Reference Combined Electrode Nano Technology Glass EQ-702 Unbreakable Stainless Steel Temperature Probe with Silicone Teflon Wire

CONDUCTIVITY METER

Range	: 0.001ms (1 µS) to 200 ms in 3 ranges
Resolution	: 0.001ms, 0.01ms, 0.1ms in the respective ranges
Accuracy	: ± 1% ± 1 last digit
Temp. comp.	: 0 to 50°C ATC Ref. temp. : 25° C.
Electrode	: EQ-708AT Unbreakable APH Sleeved Conductivity Cell (K=1) + Temperature Probe Combined
Technology	: Quantum Zuerkst Technology

2 in 1 – COMBO - Models

MODEL EQ-635

pH + Autorange Conductivity Meter for simultaneous measurements

Useful for P.G., Research, Industry, Pharma

pH METER

Readout	:	4 digit LED display
Range	:	0 to 14.00 pH
Resolution	:	pH: 0.01pH
Accuracy	:	pH ± 0.01 ± 1 least count
Power required	:	230 V AC ± 10% @ 50 Hz, 4 VA.
Warming period	:	5 minutes
Weight	:	2 Kg Body : ABS
Dimension	:	80 mm (H) x 235 mm (W) x 155 mm (L)
Accessories	:	Stand set, Electrode Clamps, patch cord for electronic buffer, buffer tablets for 9.2, 7.00, 4.00 pH, Screwdriver, Dust proof cover & Telfon Magnet.
Electrode	:	EQ-700 Unbreakable APH Sleeved Glass + Reference Combined Electrode
Electronic Buffer	:	Equivalent signal output of ideal electrode in solution of 9.2, 7.00, 4.00 pH useful for self diagnostic



CONDUCTIVITY METER

Readout	:	4 digit LED display
Units of Meas	:	SIEMENS
Auto-ranging	:	0.001µs to 200ms, 2ms in six auto ranges (200ms, 20ms, 2ms, 200µs, 20µs, 2µs)
Accuracy	:	± 1% ± 1 last digit
Conductance	:	Conductance of 1.000ms
Electrode	:	EQ-708A Unbreakable APH Sleeved Conductivity Cell(K=1)

MODEL EQ-636

pH + Potentiometer for simultaneous measurements

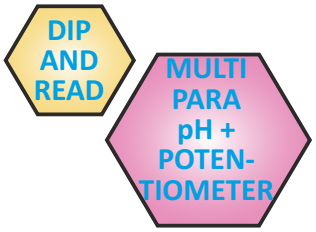
Useful for P.G., Research, Industry, Pharma

COMBO MODEL

pH METER

Readout	:	4 digit LED display
Range	:	0 to 14.00 pH
Resolution	:	pH: 0.01pH
Accuracy	:	pH ± 0.01 ± 1 least count
Power required	:	230 V AC ± 10% @ 50 Hz, 4 VA.
Warming period	:	5 minutes
Weight	:	2 Kg Body : ABS
Dimension	:	80 mm (H) x 235 mm (W) x 155 mm (L)
Accessories	:	Stand set, Electrode Clamps, patch cord For electronic buffer, buffer tablets for 9.2, 7.00, 4.00 pH Screwdriver, Dust proof cover & Telfon Magnet.
Electrode	:	EQ-700 Unbreakable APH Sleeved Glass + Reference Combined Electrode
Electronic Buffer	:	Equivalent signal output of ideal electrode in solution of 9.2, 7.00, 4.00 pH useful for self diagnostic





POTENTIOMETER

No need of Calibration

Readout	:	4 digit LED display
Range	:	± 1.999 V
Accuracy	:	0.001 V
Electrode	:	EQ-703 Pt + reference combined (KCL filled)

DIGITAL CONDUCTIVITY CUM TDS METER

MODEL EQ-637

AUTO RANGING CONDUCTIVITY CUM TDS METER with inbuilt magnetic stirrer & standard conductance (useful for titration) Selects the right working range

Useful for Under Graduate, Post Graduate, Industry, Titration etc.

COMBO MODEL

Readout	:	7 (4+3) Digit Dual Colour LED Display
Functions	:	Auto Ranging Conductivity & TDS
Stirrer	:	µController Based, 2 Phase Wave Drive Technology With Hall Effect Sensor for RPM measurement
Stirrer Speed	:	50-500 RPM Variable.
Power Required	:	230 V AC MAINS ,±10% @ 50 Hz, 10VA.
Weight	:	2 Kg. Approximate
Body	:	ABS
Dimensions	:	80 mm (H) x 235 mm (W) x 155 mm (L)
Accessories	:	EQ-708A Unbreakable Aph Sleeved Conductivity Cell (K=1) With Platinized Platinum, Teflon magnet, Electrode clip, Rod, Screwdriver & Dust proof cover.
PC connectivity	:	USB
Technology	:	Quantum Zuerkst Certified



CONDUCTIVITY

Unit of meas.	:	SIEMENS
Range	:	0.001µS TO 200mS IN 6 RANGES. (2µS, 20µS, 200µS, 2mS, 20mS, 200mS)
Accuracy	:	0.01µS
Resolution	:	0.001µS
Std. Conductance	:	Inbuilt Standard Conductance of 1.000mS.

TDS

Unit of meas.	:	PPM & PPT
Range	:	0.001PPM TO 200PPT IN 6 RANGES. (2PPM, 20PPM, 200PPM, 2PPT, 20PPT, 200PPT)
Accuracy	:	0.01PPM
Resolution	:	0.001PPM
Std. Conductance	:	Inbuilt Standard Conductance of 0.500PPT

- AUTO RANGING. DIP & READ.
- WELL LAID OUT PANEL WITH NOTES & INSTRUCTIONS
- MULTI PARA TDS + COND.
- INBUILT VARIABLE SPEED MAGNETIC STIRRER

COMBO POCKET MODEL

MODEL EQ-6682

pocket conductivity (E.C meter) cum TDS meter with rechargeable battery

Pharma, Water analysis, Soil testing

MULTI PARA TDS + COND.

ALL FEATHER TOUCH CONTROLS

INBUILT RECHARGEABLE BATTERY BACKUP

WELL LAID OUT PANEL WITH NOTES & INSTRUCTIONS

SPECIALLY DEVELOPED FOR SOIL TESTING, WATER ANALYSIS, FIELD WORK

DIP AND READ



Readout	:	4 digit Low Power LCD display
Range	:	CONDUCTIVITY - 1µS to 200mS in three ranges TDS - 1PPM to 200 PPT in three ranges
Accuracy	:	± 1% of Full scale reading, ± 1 last digit
Power required	:	9V rechargeable battery with AC MAINS charging adapter.
Weight	:	200 g approx.
Dimension	:	165mm (L) x 85mm (W) x 30mm (H)
Body	:	NANO CRYSTALLINE ABS™
Accessories	:	Screwdriver, Carry case. EQ-708A Unbreakable APH Sleeved Conductivity Cell (K=1)

MODEL EQ-6612

pocket pH cum conductivity meter (E.C meter) with rechargeable battery

Pharma, Water testing, Printing, Soil testing

MULTI PARA pH + COND.

ALL FEATHER TOUCH CONTROLS

SPECIALLY DEVELOPED FOR FARMERS, SOIL TESTING, WATER ANALYSIS, FIELD WORK

WELL LAID OUT PANEL WITH NOTES & INSTRUCTIONS

INBUILT RECHARGEABLE BATTERY BACKUP



Readout	:	4 digit LCD display
Range	:	pH - 0 to 14.00 pH CONDUCTIVITY - 0 to 20mS
Accuracy	:	pH- 0.01 CONDUCTIVITY - ± 0.1%
Power required	:	9V rechargeable battery with AC MAINS charging adapter.
Weight	:	200 g approx.
Dimension	:	165mm (L) x 85mm (W) x 30mm (H)
Body	:	NANO CRYSTALLINE ABS™
Accessories	:	Buffer tablets (4.00, 7.00, 9.20) pH, screw driver, carry case, EQ-708A Unbreakable APH Sleeved Conductivity Cell (K=1) & EQ-700 Unbreakable APH Sleeved Glass + Reference Combined

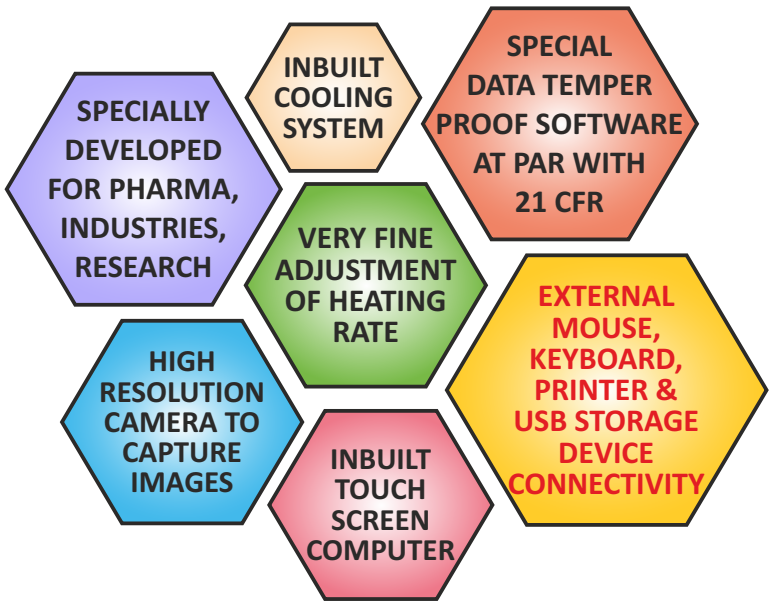
DIGITAL MELTING/SOFTENING & BOILING POINT APPARATUS

MODEL EQ-731

Smart melting/boiling point apparatus with inbuilt windows 10 PC and 7.0" full HD touch screen display

Used in pharmaceutical industries, chemical industries, research, etc

In conventional melting point apparatus, the greatest disadvantage is of recording the temperature while simultaneously observing the sample. Many times the event is missed and the user has to perform the experiment all over again. It is difficult to judge the exact melting phase. In this model all the shortfalls are overcome by a high resolution camera with ultra zoom facility to capture live images of the sample along with the temperature. The user can then rewind the photos and select the exact MP/BP of the sample.





Heating Range	Room temperature to 300°C
Readout	4 Digit for Temperature
Resolution	± 0.1°C
Heating Rate	0.4°/min to 20°/min
Power	230V AC Mains @50 Hz, 500VA
Temp. Sensor	Unbreakable Teflon probe
Weight	3 Kg Approximately
Dimensions	390mm (D) x 250mm (W) x 420mm (H)
Body	NANO CRYSTALLINE ABS™. Shock & Rust proof body.
Stirrer	Magnetic stirrer for uniform heating.
Image Capture	HD Camera with ultra zoom facility.
	Simultaneous measurement for upto 5 samples
Display	Inbuilt full HD Screen [7"/10"/ Touch]
Operating System	Windows 10
Memory	32GB storage with USB storage support, 2GB DDR3L RAM
Other Features	upto 4 USB super speed 3.0 ports, WIFI & Bluetooth 4.0
Frame Rate	10 frames/minute and 20 frames/minute
Peripherals	External Mouse & Keyboard Connectivity Support.
Printing	Any USB / WIFI Printer Installable. (PRINTER NOT PROVIDED)

Designed using Patented Technology

DIGITAL MELTING/SOFTENING & BOILING POINT APPARATUS

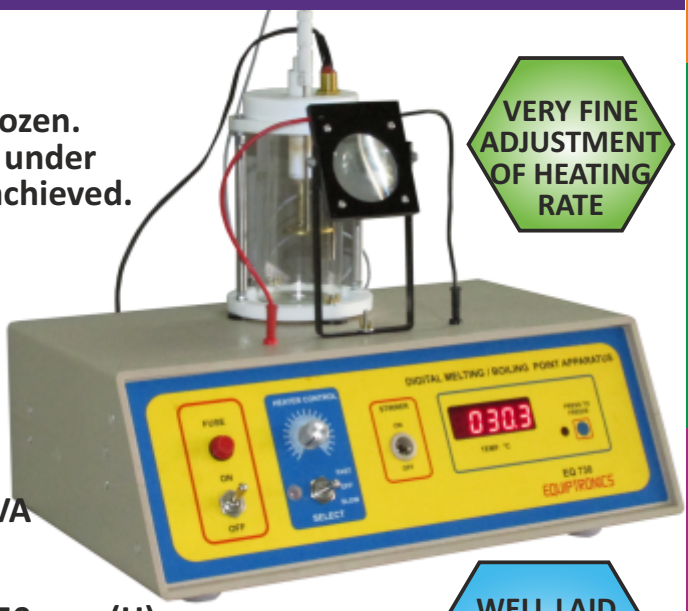
MODEL EQ-730

Microprocessor based 0 - 300°C ± 0.1°, slow rate 1°/min

Useful for U.G colleges

FEATURES

The instruments is microprocessor based.
On pressing the button the temp reading gets frozen.
Thus User can concentrate freely on the sample under Test. Heating rate as low as 1°C/minute can be achieved.



Heating Range	: Room temperature to 300°C
Readout	: 4 Digit for Temperature
Resolution	: ± 0.1°C
Heating Rate	: 1°/min to 20°/min
Power	: 230V AC Mains @50 Hz, 500VA
Temp. Sensor	: Unbreakable Teflon probe
Weight	: 3 Kg Approximately
Dimensions	: 360 mm (L) x 200 mm (B) x 150 mm (H)
Body	: NANO CRYSTALLINE ABS™. Shock & Rust proof body.
Stirrer	: Magnetic stirrer for uniform heating.
Sample Viewing	: 50 mm Magnifying Lens with inbuilt illumination

Simultaneous measurement for upto 5 samples

MODEL EQ-730 A

Microprocessor based 0 - 300°C ± 0.1°, slow rate 1°/min
Camera & Screen for safety

Useful for P.G., Research, Industry

FEATURES

Camera & Screen for safety and multiple viewing.
The instruments is microprocessor based.
On pressing the button the temp reading gets frozen.
Thus User can concentrate freely on the sample under Test. Heating rate as low as 1°C/minute can be achieved.



Heating Range	: Room temperature to 300°C
Readout	: 4 Digit for Temperature
Resolution	: ± 0.1°C
Heating Rate	: 0.7°/min to 20°/min
Power	: 230V AC Mains @50 Hz, 500VA
Temp. Sensor	: Unbreakable Teflon probe
Weight	: 3 Kg Approximately
Dimensions	: 390mm (D) x 250mm (W) x 420mm (H)
Body	: NANO CRYSTALLINE ABS™. Shock & Rust proof body.
Stirrer	: Magnetic stirrer for uniform heating.
Sample Viewing	: High resolution Camera & Colour LCD Screen

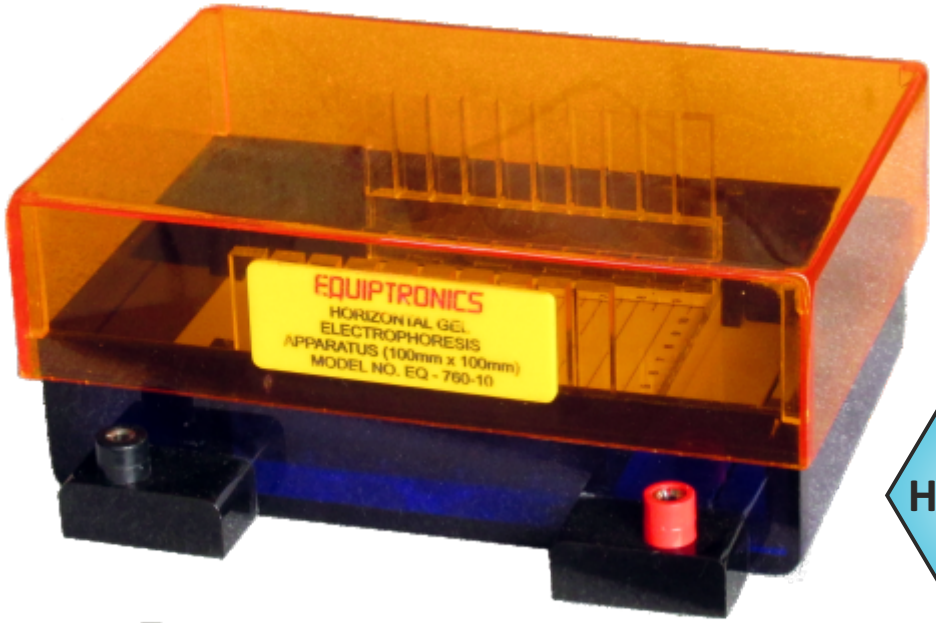
Simultaneous measurement for upto 5 samples

HORIZONTAL GEL ELECTROPHORESIS APPARATUS

MODEL EQ-760-10
EQ-760-15
EQ-760-21

Sturdy inbuilt Platinum wire, 3 combs of different well sizes (2 sets each).

Useful for DNA separation and analysis.



EASY VIEW ATTRACTIVE PMMA BODY

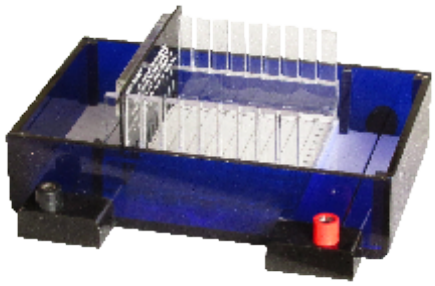
TRAY WITH INBUILT RULER

SELF HEIGHTED COMBS

UV TRANSPARENT GEL TRAY

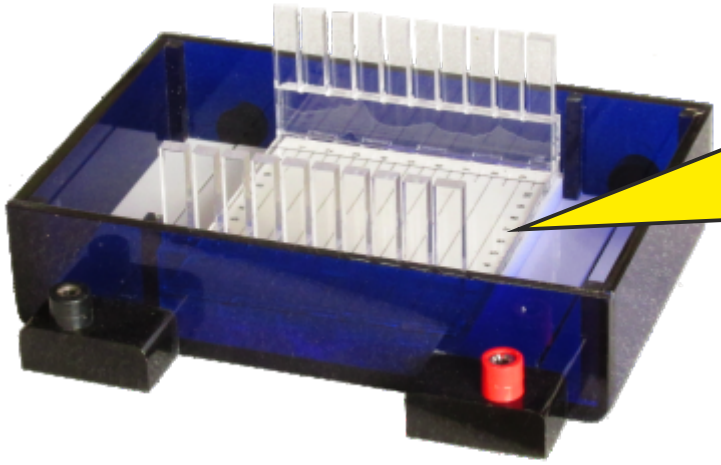
NUMBERED WELLS

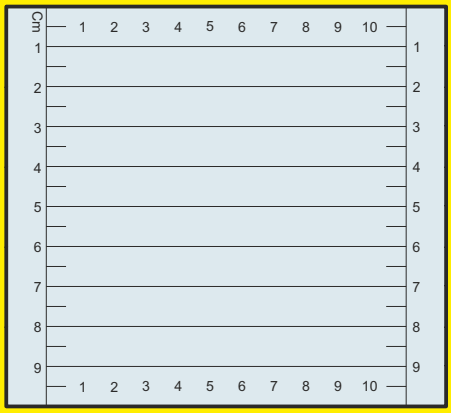




Casting Tray	:	Easy **UV transparent** Casting tray **inbuilt scale and numbered wells**.
Apparatus body	:	Easy view, **attractive colour PMMA body**. Auto thermo-molded, leak proof body with connectors.
Combs	:	3 different **combs with self adjusted well height**. Cumbersome procedure of height adjusted eliminated. Just put the combs in the slots.
Electrodes	:	Inbuilt sturdy **99.999% Pure Platinum** wire.
Accessories	:	2 sets of 3 combs each, **TAPE-LESS Gel Caster** (included with EQ-760-15 and EQ-760-21), Gel cutter, Gel spatula, Sturdy carry case, Thick patch cords with **silver plated pins for Zero Contact Resistance**, syringe.
Weight	:	EQ-760-10 1Kg approx. EQ-760-15 2Kg approx. EQ-760-21 5Kg approx.

HORIZONTAL GEL ELECTROPHORESIS APPARATUS (continued)





NUMBERED WELLS & RULED CASTING TRAY

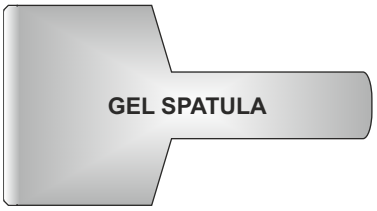


3 POINT LEVELING TABLE WITH INBUILT LEVEL SENSOR. AVAILABLE AT EXTRA COST.



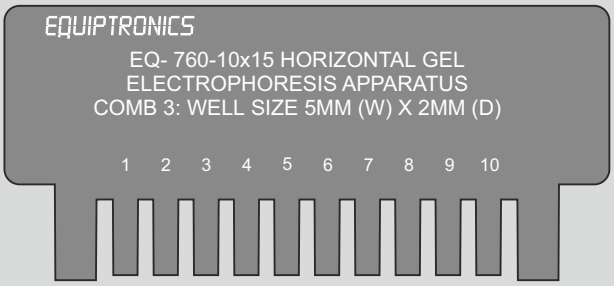
STURDY STORAGE BOX.





	LENGTH OF WELL IN mm	WIDTH OF WELL IN mm	DEPTH OF WELL IN mm
COMB 1	5	2	1
COMB 2	5	2	1.5
COMB 3	5	2	2

COMBS



MODEL NO.	SIXE OF GEL (L X W) IN mm.	RUN LENGTH IN mm.	NO. OF SAMPLES/WELLS
EQ-760-10	100 X100	100	10
EQ-760-15	150 X 150	150	15
EQ-760-21	200 X 200	200	21

CONTACT US FOR CUSTOM GEL SIZES

VERTICAL GEL (SDS PAGE) ELECTROPHORESIS APPARATUS

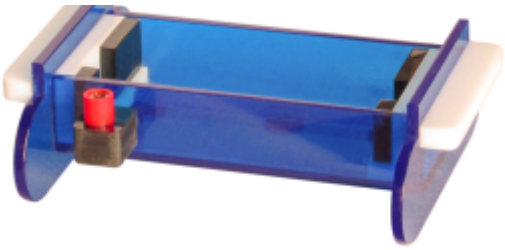
MODEL EQ-761-12
EQ-761D-12
EQ-761-24

Sturdy inbuilt Platinum wire, 3 combs of different well sizes (2 sets each), least buffer usage.

Useful for RNA & Protein separation and analysis.







NUMBERED WELLS

EASY VIEW ATTRACTIVE PMMA BODY

TRAY WITH INBUILT RULER

LOW VOLUME. BUFFER SAVING.

UV TRANSPARENT GEL TRAY

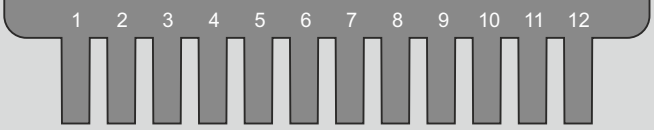
SELF HEIGHTED COMBS

Casting Tray	:	Easy UV transparent Casting tray inbuilt scale and numbered wells.
Apparatus body	:	Easy view, attractive colour PMMA body. Auto thermo-molded, leak proof body with connectors.
Combs	:	3 different combs with self adjusted well height.
	:	Inbuilt sturdy 99.999% Pure Platinum wire.
Electrodes Accessories	:	2 sets of 3 combs each, Gel cutter, Gel spatula, Sturdy carry case, Thick patch cords with silver plated pins for Zero Contact Resistance, syringe.
Weight	:	EQ-761-12 1Kg approx. EQ-761D-12 2Kg approx. EQ-761-24 5Kg approx.

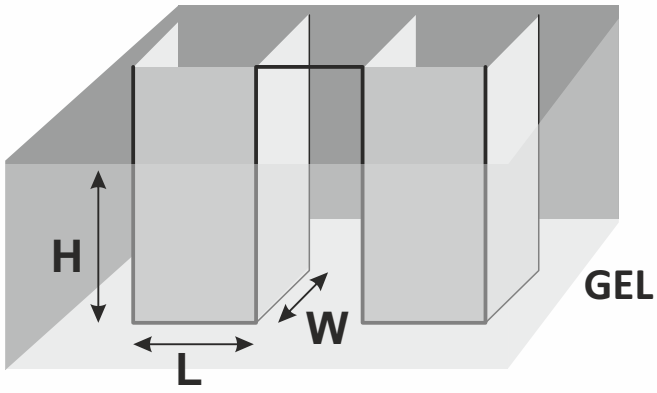
VERTICAL GEL (SDS PAGE) ELECTROPHORESIS APPARATUS (continued)

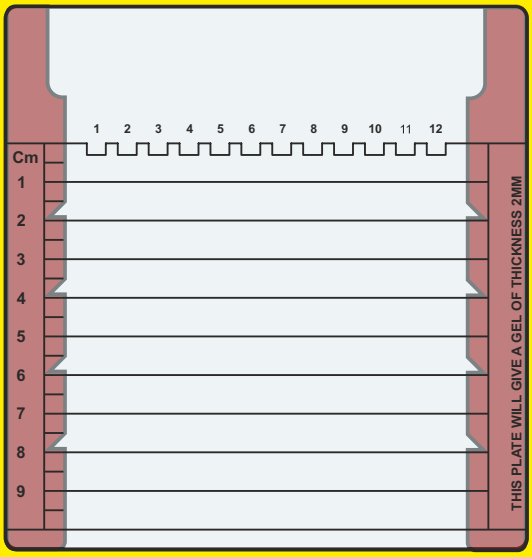
COMBS

EQUIPTRONICS
EQ - 761D-12 VERTICAL GEL ELECTROPHORESIS APPARATUS
COMB1: WELL SIZE 5MM (L) X 2MM (W) X 3MM (H)

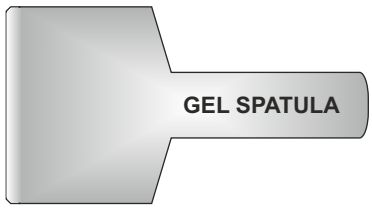


	LENGTH OF WELL IN mm	WIDTH OF WELL IN mm	HEIGHT OF WELL IN mm
COMB 1	5	2	3
COMB 2	5	2	5
COMB 3	5	2	8





NUMBERED WELLS & RULED GEL TRAY







STURDY STORAGE BOX.

CONTACT US FOR CUSTOM GEL SIZES.

MODEL NO.	SIXE OF GEL (L X W) IN mm.	RUN LENGTH IN mm.	NO. OF SAMPLES/WELLS
EQ-761-12	100 X115	100	12
EQ-761D-12	100 X 115	100	24 (12*2)
EQ-761-24	200 X 210	200	24

EQ-761D-12 IS A DUAL GEL (PAGE) MODEL.

UV TRANS ILLUMINATOR

MODEL EQ-785A/785B/ 785C/785D EQ-786A/786B/ 786C/786D

Titanium dioxide viewing window, German UV block + Bromide filter, Inbuilt cooling system, Intensity control.

Useful for DNA, RNA, protien analysis. Used in Pharma companies, Biotechnological research, PCR analysis.

GERMAN UV BLOCK + BROMIDE FILTER

TITANIUM DIOXIDE QUARTZ

Designed using Patented Technology

INBUILT COOLING SYSTEM

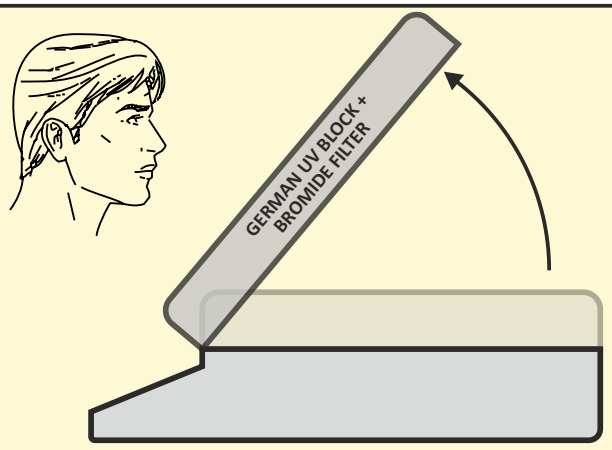
INTENSITY CONTROL



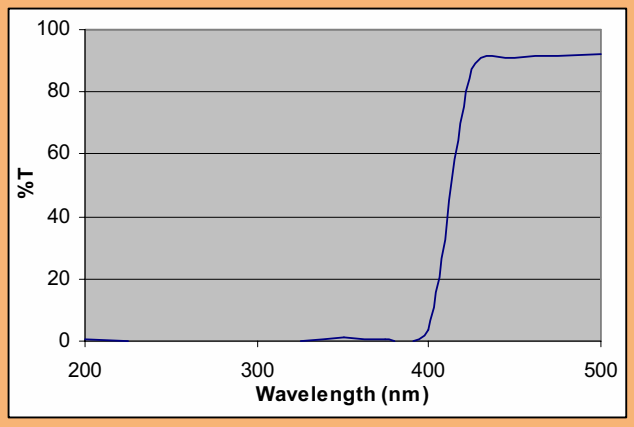
UV transilluminators are used in molecular biology laboratories to view DNA or RNA that has been separated by electrophoresis through an agarose gel. Exposing the stained gel to a UV light source causes the DNA to fluoresce and become visible. These instruments are useful for viewing samples to size a PCR product, purify DNA segments after a restriction enzyme digest, quantify DNA, or verify RNA integrity after extraction.

View size	:	EQ-785A/B/C/D - 150 x 150 mm EQ-786A/B/C/D - 200 x 200 mm
Viewing window	:	Titanium Dioxide doped Quartz. Allows only the UV radiation to fall on the sample whilst blocking the background visible light. Maximises contrast and sensitivity, allowing even the faintest fluorescent gels to be viewed
UV lamps	:	Flicker free, fast start up lamps. Solid state lamps which employ a solid state choke less energizer enhancing the lap life by 50%.
Safety protection	:	Dual protection filters. German UV block + Bromide filters on top cover. Auto shut-off feature. Immediately shuts off the UV lamps when the cover is open. LED indication for Cover Open.
Instrument body	:	Shock proof, Rust -proof, light weight and sturdy NANO CRYSTALLINE ABS™ body.
Dimensions	:	300 (L) x 200 (W) x 140 (D).
Cooling system	:	High speed, High volume cooling fan to cool the UV lamps. Enhances the life of the UV lamps.
Power required	:	230V ± 10%, AC Mains@ 50Hz, 40VA.
Weight	:	2Kg approx.

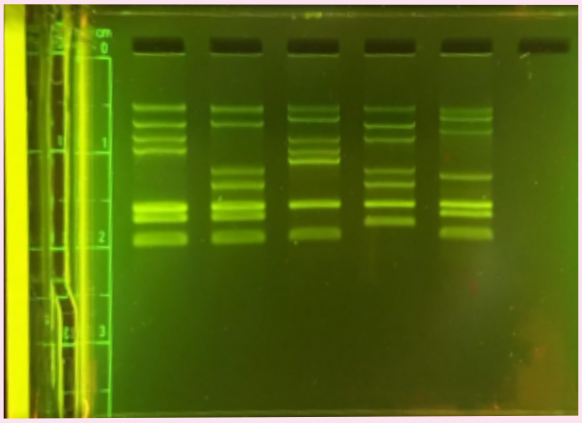
UV TRANS ILLUMINATOR
(continued)

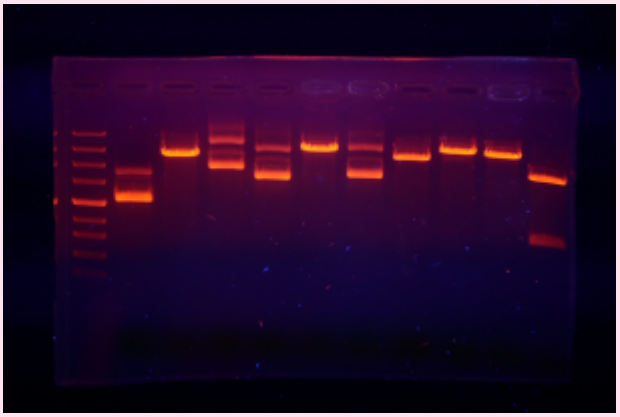


DUAL LAYERED UV PROTECTIVE COVER OPENS TOWARDS THE USER. PROTECTS AGAINST ACCIDENTAL START UP OF THE UV LAMPS.



SPECTRAL GRAPH OF THE GERMAN UV BLOCK FILTER.





ACTUAL GEL IMAGES

MODEL NO.	VIEWING WINDOW (MM)	SOURCE LAMP WAVELENGTH	LAMP WATTAGE (W)
EQ-785A	150 x 150	365	40
EQ-785B	150 x 150	302-312	40
EQ-785C	150 x 150	254	40
EQ-785D	150 x 150	254, 302-312, 365	8 W EACH
EQ-786A	200 x 200	365	64
EQ-786B	200 x 200	302-312	64
EQ-786C	200 x 200	254	64
EQ-786D	210 x 210	254, 302-312, 365	8 W EACH
EQ-788D	210 x 300	302-312, 365	8 W EACH

EQ-786D & EQ-785D ARE DEMO MODELS FOR UG AND PG STUDENTS.

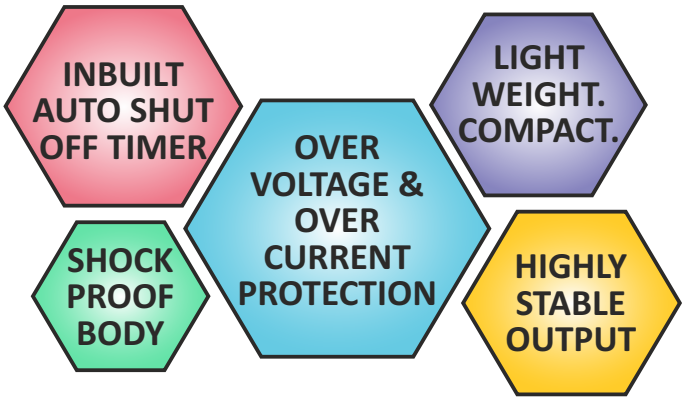
ELECTROPHORESIS POWER SUPPLY

MODEL EQ-751/ 752/753/754

UPTO 0-400V, 400ma, Constant Voltage

U.G., P.G., Biotech, Research





	EQ-751	EQ-752	EQ-753	EQ-754
Channel	SINGLE	SINGLE	DUAL - 2	QUAD - 4
Readout	3 Digit for EMF & 3 Digit for Current. 3 digit for Timer.	3 Digit for EMF & 3 Digit for Current. 3 digit for Timer.	3 Digit for EMF & 3 Digit for Current. 3 digit for Timer.	3 Digit for EMF & 3 Digit for Current. 3 digit for Timer.
Stability	Highly stable.	Highly stable.	Highly stable.	Highly stable.
Range	0-300V DC, 0-100mA.	0-300V DC, 0-100mA.	0-400V DC, 0-200mA.	0-300V DC, 0-400mA.
Resolution	EMF - 1V Current - 1mA	EMF - 1V Current - 1mA	EMF - 1V Current - 1mA	EMF - 1V Current - 1mA
Accuracy	EMF - ±0.5V Current - ±1mA	EMF - ±0.5V Current - ±1mA	EMF - ±0.5V Current - ±1mA	EMF - ±0.5V Current - ±1mA
Safety	Inbuilt Short Circuit protection & Current limit.	Inbuilt Short Circuit protection & Current limit.	Inbuilt Short Circuit protection & Current limit.	Inbuilt Short Circuit protection & Current limit.
Timer	-	Inbuilt Timer for Auto-Shut OFF (1-999 minutes).	Inbuilt Timer for Auto-Shut OFF (1-999 minutes).	Inbuilt Timer for Auto-Shut OFF (1-999 minutes).
Body	NANO CRYSTALLINE ABS™. Shock & Rust proof, Light weight.	NANO CRYSTALLINE ABS™. Shock & Rust proof, Light weight.	NANO CRYSTALLINE ABS™. Shock & Rust proof, Light weight.	NANO CRYSTALLINE ABS™. Shock & Rust proof, Light weight.
Accessories	Dust proof cover.	Dust proof cover.	Dust proof cover.	Dust proof cover.
Power	230 V ± 10% AC MAINS @50 Hz, 50 VA	230 V ± 10% AC MAINS @50 Hz, 50 VA	230 V ± 10% AC MAINS @50 Hz, 100 VA	230 V ± 10% AC MAINS @50 Hz, 150 VA
Weight	2 Kg approximate.	2 Kg approximate.	4 Kg approximate.	5 Kg approximate.
Dimensions	220mm(H) x 110mm(W) x160mm(D)	220mm(H) x 110mm(W) x160mm(D)	230mm(H) x 190mm(W) x260mm(D)	230mm(H) x 190mm(W) x260mm(D)

UV CABINET

MODEL EQ-780
EQ-781

UV Cabinet with UV & White Light with inbuilt safety protection

Useful for Biotech, Electrophosis, Pharma

EQ-780 with UV filter

- 254, 365 & daylight
- 230V AC - 50 Hz - 30 watts
- Hood to view the sample
- Commercial UV filter blocks 100% UV
- Safety switch to switch off UV if door is open
- Safety LED indicator
- Shock proof, Rust -proof, light weight and Sturdy NANO CRYSTALLINE ABS™ body.
- Size 360 L x 280 B x 290 H mm

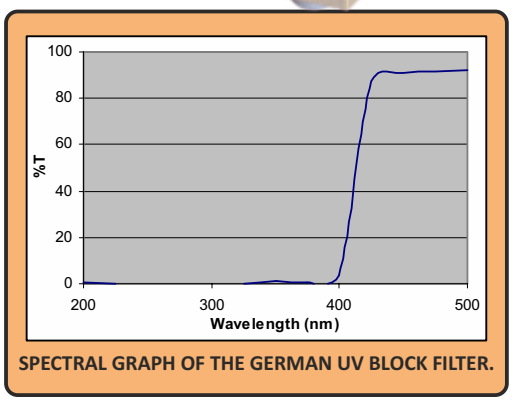
EQ-781 with German filter

Designed using Patented Technology

- 254, 312, 365 & daylight
- 230V AC - 50 Hz - 40 watts
- Hood to view the sample
- German UV filter blocks 100% UV
- Safety switch to switch off UV if door is open
- Safety LED indicator
- Shock proof, Rust -proof, light weight and Sturdy NANO CRYSTALLINE ABS™ body.
- Size 360 L x 280 B x 290 H mm
- Flicker free, fast start up lamps. Solid state lamps which employ a solid state choke less energizer enhancing the lap life by 50%.

EQ 782 - Advance Model for research.





SPECTRAL GRAPH OF THE GERMAN UV BLOCK FILTER.

ELECTRONIC BURETTE/PIPETTE

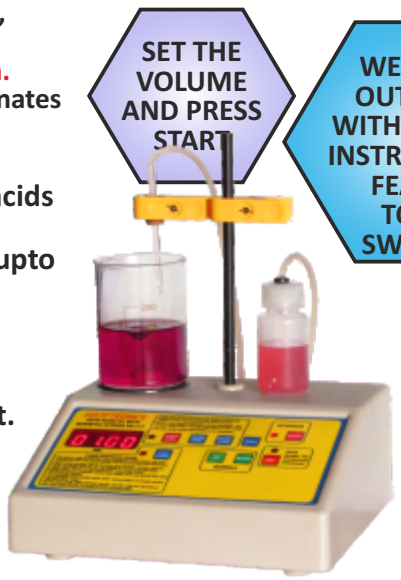
MODEL EQ-575

Auto Burette Dispenser/Pipette with inbuilt magnetic stirrer

Suitable for POTENTIO, CONDUCTO and pH metric, etc titrations. Useful for pipetting small amounts of liquid

No Need Of Zeroing The Burettes. No Need Of Sucking Harmful (acids, Solvents, Etc) And Carcinogenic Substances/solutions (arsenic, Lead, Mercury, Etc) In Pippettes. Small & Compact. Fast & Simple Operation. Peristaltic pump ensures continuous and precise flow of titrant. Eliminates the need for cumbersome refilling.

Readout	:	4 digit LED display for volume
Tubing	:	Long life Silicone tubing. Resistant to most acids and solvents.
Modes	:	Special mode to dispense pre-set volumes (upto 99.95mL). Useful for pilot reading. Continuos.
3 dispensing speeds	:	Fast: upto 10mL/minute. Slow: upto 2mL/minute. µLiter mode for dropwise dispense of titrant.
Accuracy	:	1%
Resolution	:	10µL.
Stirrer speed	:	200 RPM fixed.
Dimensions	:	90(H) X 225(W) X 220(L).
Power required	:	230 V AC ± 10% @ 50Hz, 5VA.



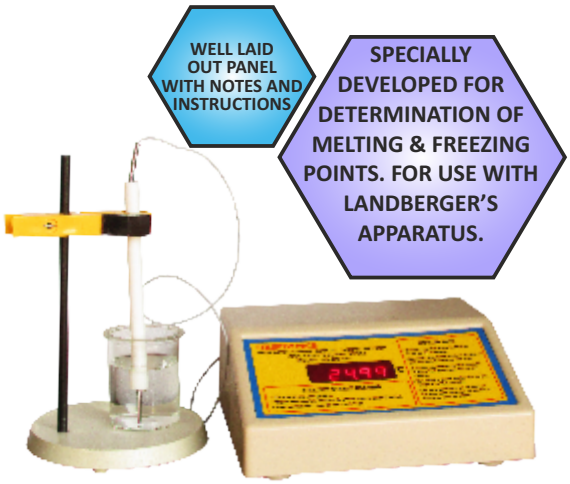
DIGITAL THERMOMETER (BECKMAN SUBSTITUTE)

MODEL EQ-550

-40°C to +150°C Thermometer with unbreakable Teflon probe

Useful for Freezing, Melting, Boiling Point (ideal for use with Landberger's Apparatus), U.G., Research, Pharma, Industry

Readout	:	5 digit LED display
Stability	:	Stable readings up to 2 decimal places
Accuracy	:	Very accurate ± 0.01 °C
Range	:	- 40° TO 150°C.
Temp probe	:	Non-corrosive teflon temperature probe with shielded silicon teflon wire & nickel plated shell connector
Body	:	NANO CRYSTALLINE ABS™
Power	:	230 V AC ± 10%, @ 50 Hz, 5 VA
Weight	:	1.5 kg
Dimensions	:	90 mm (H) x 225 mm (D) x 220 mm (L)
Technology	:	Quantum Zuerkst Certified
Accessories	:	Stand set, clip, rod, Unbreakable teflon probe.



MAGNETIC STIRRERS

MODEL EQ-770

SINGLE POINT MAGNETIC STIRRER

500ML, WITH SPEED CONTROL

MODEL EQ-771

SINGLE POINT MAGNETIC STIRRER

1000ML, WITH SPEED CONTROL

MODEL EQ-772

SINGLE POINT MAGNETIC STIRRER

2000ML, WITH SPEED CONTROL

MODEL EQ-773

6- MULTI POINT MAGNETIC STIRRER

2000ML, WITH SPEED CONTROL

TLC ANALYZER

MODEL EQ-880A

Model EQ-880A is a TLC cabinet with inbuilt PC, high resolution camera and viewing software.

Suitable for gel, aluminium plate or glass plate

High resolution CCD camera captures detailed images of the plate or gel. Inbuilt PC accompanied with Basic viewing software to capture and store the gel or plate images. This eliminates the direct viewing of plate in UV light



UV lamps	:	Flicker free, fast start up lamps. Employs a solid state choke less energizer enhancing the lamp life by 30%.
Wavelength	:	Daylight, 254nm, 312nm, 365nm.
Camera	:	High resolution (upto 5MP). Live auto focus.
Safety protection	:	**Auto shut-off** feature. Immediately shuts off the UV lamps when the cover is open. LED indication for Cover Open.
Instrument body	:	Shock proof, Rust -proof, light weight and sturdy **NANO CRYSTALLINE ABS™** body.
Dimensions	:	300 (L) x 200 (W) x 140 (D).
Cooling system	:	High speed, High volume cooling fan to cool the UV lamps. Enhances the life of the UV lamps by 40%.
Power required	:	230V ± 10%, AC Mains@ 50Hz, 40VA.
Weight	:	2Kg approx.

ADVANCED TLC ANALYZER

MODEL EQ-881

Model EQ-881 is an advanced TLC cabinet with inbuilt PC, high resolution camera and Advanced analysis software.

Suitable for gel, aluminium plate or glass plate

High resolution CCD camera captures detailed images of the plate or gel. Inbuilt PC accompanied with Advanced analysis software to capture, analyze, compute RF factor, document the gel or plate images.



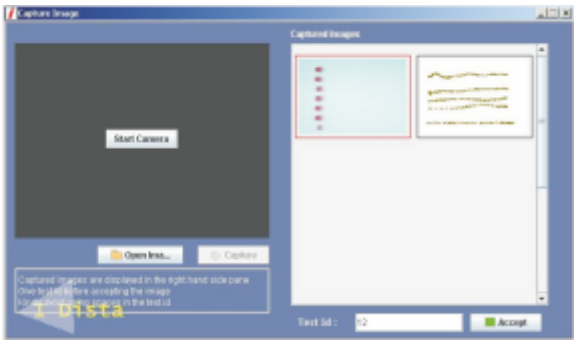
UV lamps	:	Flicker free, fast start up lamps. Employs a solid state choke less energizer enhancing the lamp life by 30%.
Wavelength	:	Daylight, 254nm, 312nm, 365nm.
Camera	:	High resolution (upto 8MP) SONY sensor. Live auto focus.
Safety protection	:	Auto shut-off feature. Immediately shuts off the UV lamps when the cover is open. LED indication for Cover Open.
Instrument body	:	Shock proof, Rust -proof, light weight and sturdy NANO CRYSTALLINE ABS™ body.
Dimensions	:	300 (L) x 200 (W) x 140 (D).
Cooling system	:	High speed, High volume cooling fan to cool the UV lamps. Enhances the life of the UV lamps by 40%.
Power required	:	230V ± 10%, AC Mains@ 50Hz, 40VA.
Weight	:	2Kg approx.

TLC ANALYZER

MODEL EQ-881

Model EQ-881 is an advanced TLC cabinet with inbuilt PC, high resolution camera and Advanced analysis software.

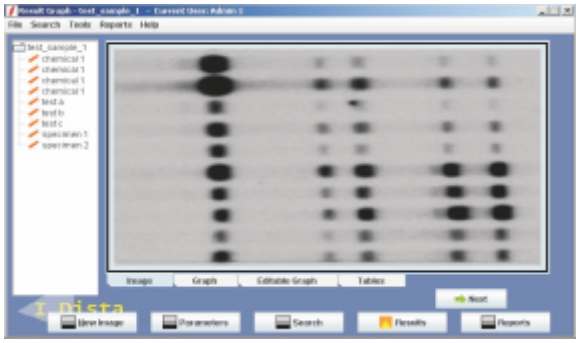
Suitable for gel, aluminium plate or glass plate



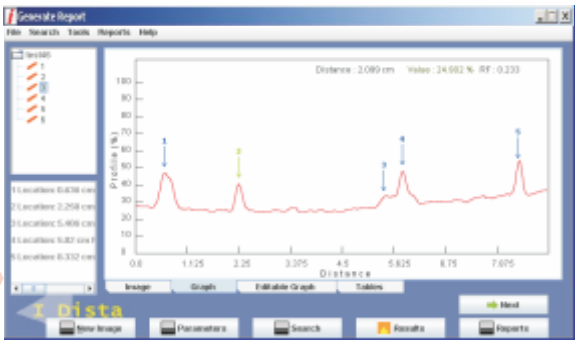
Multiple image captures
Image import
Interactive Graphical analysis



Image Enhancement/ Refining
Image Documentation
Keyboard Shortcuts



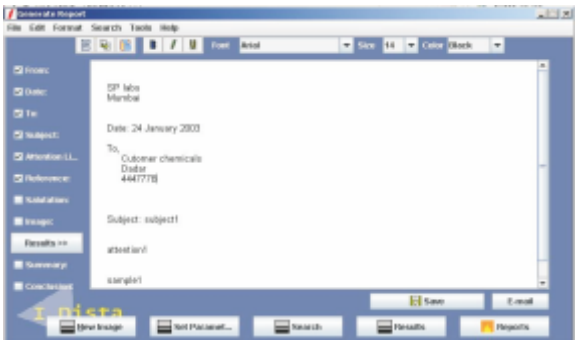
Tab Image Analysis
Tabular Results
Optional Feature Selection



Editable Chromatogram
Active Graph Area
Automated Rf Calculation



Database Import / Export Facility
Wildcard Search
Easy Navigation



Structured Photo-Documentation
Assisted Report Generation
Customizable Preferences

GEL ANALYZER

MODEL EQ-890

Model EQ-890 is a GEL ANALYZER with inbuilt PC, high resolution camera and viewing software.

Suitable for gel analysis

High resolution CCD camera captures detailed images of the gel. Inbuilt PC accompanied with Basic viewing software to capture and store the gel images. This eliminates the direct viewing of gel in UV light



View size	:	200 x 200 mm
Window	:	Titanium Dioxide doped Quartz. Allows only the UV radiation to fall on the sample whilst blocking the background visible light. Maximises contrast and sensitivity, allowing even the faintest fluorescent gels to be viewed
UV lamps	:	Flicker free, fast start up lamps. Solid state lamps which employ a solid state choke less energizer enhancing the lap life by 50%.
Camera	:	High resolution (upto 5MP). Live auto focus.
Wavelengths	:	254nm, 312nm, 365nm.
Safety protection	:	Dual protection filters. German UV block + Bromide filters on top cover. Auto shut-off feature. Immediately shuts off the UV lamps when the cover is open. LED indication for Cover Open.
Instrument body	:	Shock proof, Rust -proof, light weight and sturdy NANO CRYSTALLINE ABS™ body.
Dimensions	:	300 (L) x 200 (W) x 140 (D).
Cooling system	:	High speed, High volume cooling fan to cool the UV lamps. Enhances the life of the UV lamps.
Power required	:	230V ± 10%, AC Mains@ 50Hz, 40VA.
Weight	:	7Kg approx.

ADVANCED GEL ANALYZER

MODEL EQ-891

Model EQ-891 is an advanced Gel analyzer with inbuilt PC, high resolution camera and Advanced analysis software.

Suitable for gel

High resolution CCD camera captures detailed images of the gel. Inbuilt PC accompanied with Advanced analysis software to capture, analyze, compute RF factor, document the gel images.



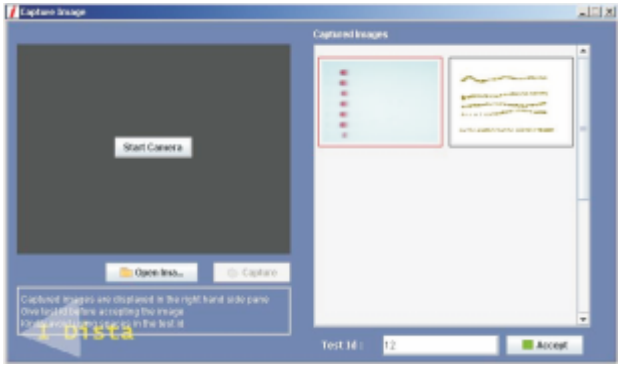
View size	:	200 x 200 mm
Window	:	Titanium Dioxide doped Quartz. Allows only the UV radiation to fall on the sample whilst blocking the background visible light. Maximises contrast and sensitivity, allowing even the faintest fluorescent gels to be viewed
UV lamps	:	Flicker free, fast start up lamps. Solid state lamps which employ a solid state choke less energizer enhancing the lap life by 50%.
Camera	:	High resolution (upto 8MP) SONY sensor. Live auto focus.
Wavelengths	:	254nm, 312nm, 365nm.
Safety protection	:	Dual protection filters. German UV block + Bromide filters on top cover. Auto shut-off feature. Immediately shuts off the UV lamps when the cover is open. LED indication for Cover Open.
Instrument body	:	Shock proof, Rust -proof, light weight and sturdy NANO CRYSTALLINE ABS™ body.
Dimensions	:	300 (L) x 200 (W) x 140 (D).
Cooling system	:	High speed, High volume cooling fan to cool the UV lamps. Enhances the life of the UV lamps.
Power required	:	230V ± 10%, AC Mains@ 50Hz, 40VA.
Weight	:	7Kg approx.

ADVANCED GEL ANALYZER

MODEL EQ-891

Model EQ-891 is an advanced Gel analyzer with inbuilt PC, high resolution camera and Advanced analysis software.

Suitable for gel



Multiple image captures
Image import
Interactive Graphical analysis

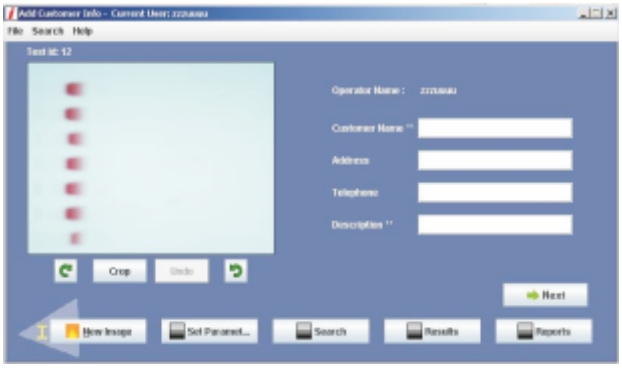
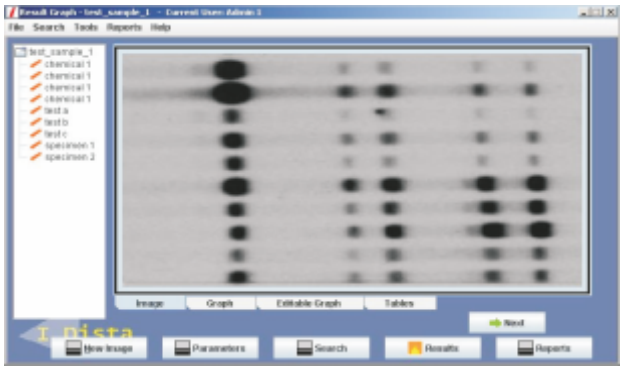
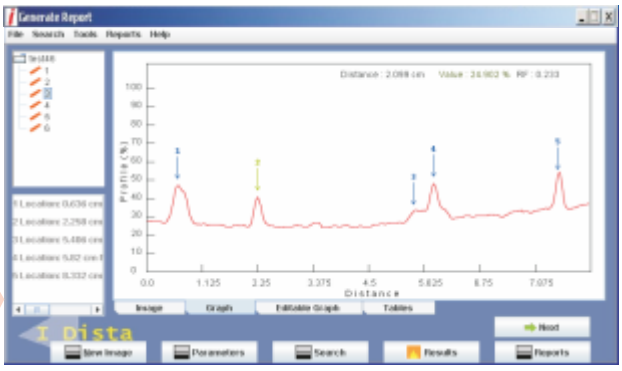


Image Enhancement/ Refining
Image Documentation
Keyboard Shortcuts



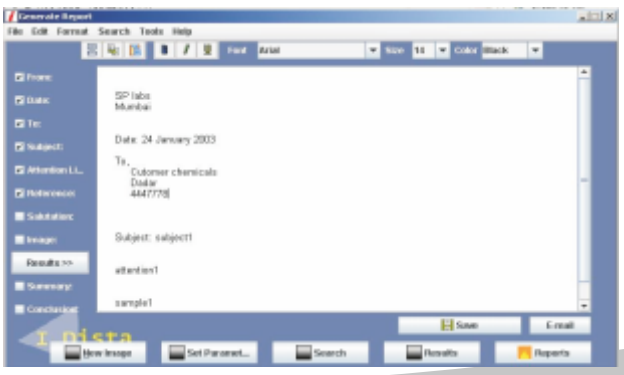
Tab Image Analysis
Tabular Results
Optional Feature Selection



Editable Chromatogram
Active Graph Area
Automated Rf Calculation



Database Import / Export Facility
Wildcard Search
Easy Navigation



Structured Photo-Documentation
Assisted Report Generation
Customizable Preferences

POTENTIOMETRIC TITRATOR

MODEL EQ-565

USEFUL IN PHARMA, CHEMICAL INDUSTRIES, RESEARCH,ETC

Suitable for Aqueous Red-Ox titrations.
Peristaltic pump ensures continuous and precise flow of titrant. Eliminates the need for cumbersome refilling.

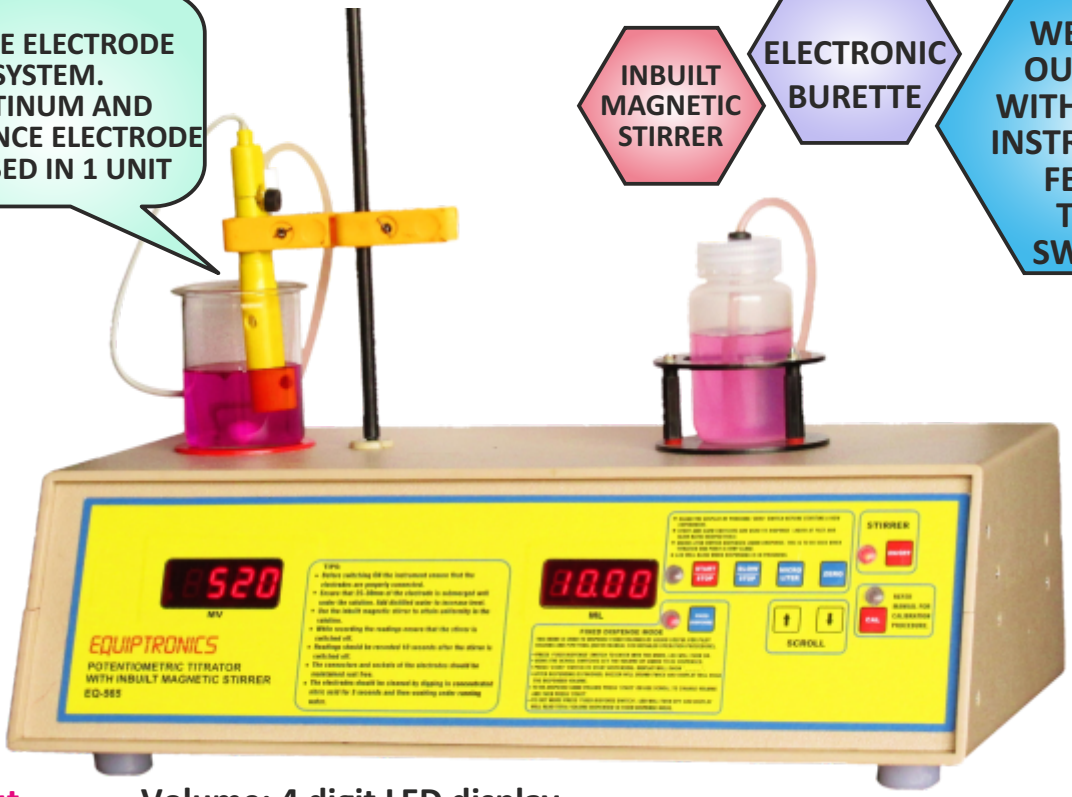
SINGLE ELECTRODE SYSTEM. PLATINUM AND REFERENCE ELECTRODE HOUSED IN 1 UNIT

INBUILT MAGNETIC STIRRER

ELECTRONIC BURETTE

WELL LAID OUT PANEL WITH NOTES & INSTRUCTIONS. FEATHER TOUCH SWITCHES

µL DROP SIZE



Readout	Volume: 4 digit LED display
Range	mV : 4 digit LED display Potentiometer - ±1999mV with Automatic Polarity change. Long life Silicone tubing. Special mode to dispense pre-set volumes (upto 99.95mL). Useful for pilot reading.
3 dispensing speeds	Fast: upto 10mL/minute Slow: upto 2mL/minute µliter mode for dropwise dispense of titrant.
Accuracy	Dispenser - ± 0.5% 0-5 mL ± 1% 5-15 mL ± 5% 15-50 mL ± 7% >50 mL Potentiometer – ± 1 mV
Resolution	Dispenser - 10µL Potentiometer – 1mV
Stirrer speed	300 RPM fixed
Power required	230 V AC ± 10% @ 50Hz, 30VA
Dimensions	500(L) X 390(D) X 250(H)
Electrodes	EQ-703 Special Pt + Ref Combined Electrode KCl filled.

TAN/TBN NON AQEUOUS TITRATOR

MODEL EQ-565 T

USEFUL IN PHARMA, CHEMICAL AND PETROCHEMICAL INDUSTRIES, RESEARCH,ETC

Suitable for Aqueous Red-Ox titrations.
Peristaltic pump ensures continuous and precise flow of titrant. Eliminates the need for cumbersome refilling.

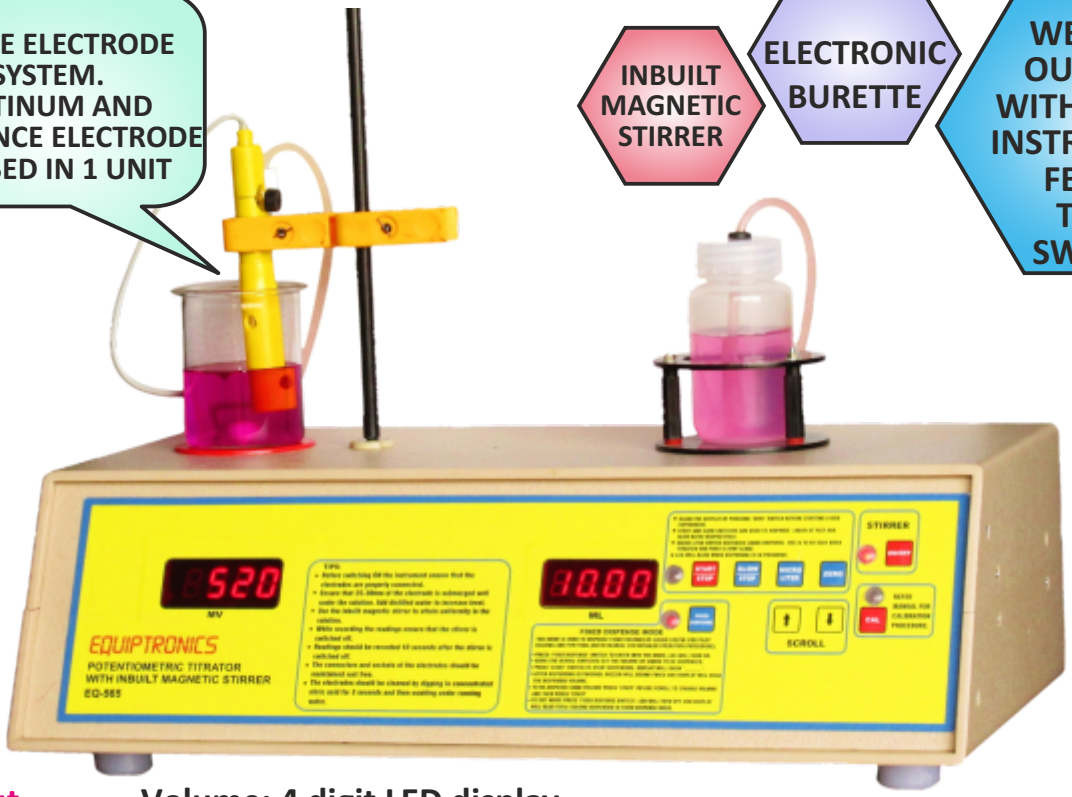
SINGLE ELECTRODE SYSTEM. PLATINUM AND REFERENCE ELECTRODE HOUSED IN 1 UNIT

INBUILT MAGNETIC STIRRER

ELECTRONIC BURETTE

WELL LAID OUT PANEL WITH NOTES & INSTRUCTIONS. FEATHER TOUCH SWITCHES

µL DROP SIZE



Readout	Volume: 4 digit LED display
Range	mV : 4 digit LED display Potentiometer - ±1999mV with Automatic Polarity change. Long life Pharmed BPT tubing. Resistant to most acids and solvents. Special mode to dispense pre-set volumes (upto 99.95mL). Useful for pilot reading.
3 dispensing speeds	Fast: upto 10mL/minute Slow: upto 2mL/minute µliter mode for dropwise dispense of titrant.
Accuracy	Dispenser - ± 0.5% 0-5 mL ± 1% 5-15 mL ± 5% 15-50 mL ± 7% >50 mL Potentiometer – ± 1 mV
Resolution	Dispenser - 10µL Potentiometer – 1mV
Stirrer speed	300 RPM fixed
Power required	230 V AC ± 10% @ 50Hz, 30VA
Dimensions	500(L) X 390(D) X 250(H)
Electrodes	TAN & TBN electrode EQ-715.

DIGITAL KARL FISCHER APPARATUS

(BURETTE LESS)

MODEL EQ-455

Burette less dispensing. Auto drain facility.

Useful for determining moisture content in chemicals, drugs, cosmetics for Research, Chemical Industries, Pharma, etc.

ELECTRONIC BURETTE

Designed using Patented Technology

END POINT LED BAR

µL DROP SIZE

AUTO DRAIN



Readout	:	LED BAR to see proximity to end point.
	:	4 digit LED display to read volume of Karl Fischer Dispensed.
Stability	:	Highly stable.
Minimum Water Detection	:	0.5mg. High resolution sensing to ensure accurate catching of end point
Range	:	1%- 100% with appropriate sample quantity.
	:	Dispenser - 99.99 mL.
End Point	:	Audio-Visual indication of endpoint. Sensing by µController.
Resolution	:	10µL.
Accuracy	:	± 0.5% 0-5 mL ± 1% 5-15 mL ± 5% 15-50 mL ± 7% >50 mL
Stirrer	:	Dual Phase, µController driven having variable speed of 100 to 600 RPM
Dispensing System	:	Inbuilt Automatic electronic dispenser. Long life Silicon rubber BPT tubing. Resistant to acids and solvents. Special mode to dispense pre-set volumes (Upto 99.95mL). Teflon dispensing tip for µliter drop size.
Dispensing speeds	:	Fast: upto 10mL/minute. Slow: upto 2mL/minute. µliter mode for dropwise dispense of titrant.
Drain	:	Auto drainage system. No need to lift the beaker to discard the solution.
Beaker	:	Special 250 mL Borosilicate glass beaker.
Body	:	Shock proof, light weight, ABS molded body.
Accessories	:	Special Dual Platinum K.F. Electrode, 250mL beaker, Dust proof cover, drier ampules.
Power	:	230V ±10% AC Mains @50Hz, 10VA.
Weight	:	3 Kg approximate.
Dimensions	:	325mm (L) x 230mm (D) x 140mm (H).

DIGITAL DIFFUSED REFLECTANCE & WHITENESS METER

MODEL EQ-1012

DUAL wavelength. Mains cum Battery operated.

Useful for Pharmaceutical industry, Colour, Paint Ceramic, Textile, industries & many more. Ideal for field work.





Readout	:	4 digit bright LED DISPLAY.
Stability	:	<0.1%.
Range	:	0- 120%.
Resolution	:	0.1%
Drift	:	< 0.1%.
Filters	:	Inbuilt filters. BLUE - & GREEN - .
Body	:	NANO CRYSTALLINE ABS™
Accessories	:	Secondary Standard Tray, 2 Tray for sample, Zero calibration standard, Charger, Cleaning brush.
Temperature	:	0-50°C.
Humidity	:	0-85% RH.
Power	:	230V AC Mains ±10%, @50Hz, 10VA. 300mAh NimH Rechargeable Battery.
Battery life	:	3 hours use with 2 hours charging.
Weight	:	650 g approximate.
Dimensions	:	175mm (L) x 95mm (D) x 90mm (H).

COD DIGESTOR & ANALYZER
(CLOSED REFLUX / COLORIMETRIC METHOD)

MODEL EQ-831

500W Ceramic heater, End Buzzer, LCD display.

Useful for digestion of COD samples.

Readout	:	20*4 Super bright LCD display.
Heater	:	500W Ceramic heater for fast & uniform heating.
Temp. Range	:	Room Temperature to 240°C.
Temp. Stability	:	Highly stable, ±1°C.
Accuracy	:	±1°C.
Temp. Controller	:	µController based PID.
Timer	:	0-999 minutes. Auto shut-off with End Buzzer Alarm.
User interface	:	Multi-turn, Electromagnetic knob for setting of Parameters.
Test tube Cavity	:	27 cavities of 18mm Dia x 40mm Height.
Test tube Size	:	17mm Dia x 60mm Height.
Sample Volume	:	5 mL.
Body	:	Shock proof, powder coated MS body.
Accessories	:	10 Opti-Glass Borosilicate test tubes with teflon caps, Stainless Steel Cooling stand, Cleaning brush, Dust-proof cover, Instructional manual.
Power	:	230V AC Mains ± 10%, @50Hz, 520VA.
Weight	:	10 Kg approximate.
Dimensions	:	400mm (L) x 230mm (D) x 140mm (H).



SAFETY SHEILD

SIMPLE & EASY OPERATION

OVER TEMPERATURE PROTECTION

MODEL EQ-831 A

Dual Range, 50-2000mg/L

Useful for Analysis of COD samples.

Display	:	20*4 Super bright LCD Disp
Readout	:	4 digit
Ranges	:	0 - 200 & 0 - 2000 mg/L
Resolution	:	0.1 mg/L in 200 range 1 mg/L in 2000 range
Accuracy	:	± 1% FSR 0-50mg/L ± 2% FSR 50-200mg/L ± 5% FSR 200-800mg/L ± 10% FSR >800mg/L
Calibration	:	Multi Point (upto 5 points) with Calibration validity
Optics	:	Non linear Ortho-Cylindrical Optics.
Stray light	:	< 0.1%
Technology	:	Quantum Zuerkst Certified
Power required	:	230 V AC ± 10% 50 Hz with inbuilt stabilizer
Warming time	:	5 minutes
Other features	:	3 User System, Inbuilt Real time clock, Storage of readings in Instrument and transmission to connected PC with date & time stamp, Direct printing via RS-232. RS-232 or USB (any one).
Sample Volume	:	2 ml
Weight	:	1 Kg (approx.)
Body	:	NANO CRYSTALLINE ABS™
Dimension	:	90 mm (H) x 225 mm (W) x 220 mm (L)
Accessories	:	Dust proof cover & operation manual. PRINTER AT EXTRA COST.



DUAL RANGE

DIRECT PRINTING & PC COMPATIBLE

WELL LAID OUT PANEL WITH NOTES & INSTRUCTIONS

COD DIGESTOR
(OPEN REFLUX / TITRATION METHOD)

MODEL NO.
EQ-830-7
EQ-830-19

Upto 1000W Ceramic heater, End Buzzer, LCD display.

Useful for digestion of COD samples.



OVER TEMPERATURE PROTECTION

1000W HEATER

SIMPLE & EASY OPERATION

Readout	:	20*4 Super bright LCD display.
Heater	:	Up to 1000W Ceramic heater for fast & uniform heating.
Temp. Range	:	Room Temperature to 220°C.
Temp. Stability	:	Highly stable, ±1°C.
Accuracy	:	±1°C.
Temp. Controller	:	µController based PID.
Timer	:	0-999 minutes. Auto shut-off with End Buzzer Alarm.
User interface	:	Multi-turn, Electromagnetic knob for setting of Parameters.
Test tube Cavity	:	EQ-830-7: 7 cavities of 40mm Dia x 80mm Height.
	:	EQ-830-19: 19 cavities of 40mm Dia x 80mm Height.
Body	:	Shock proof, powder coated MS body.
Accessories	:	EQ-830-7: 2 no.s Borosilicate glass bottles with special air cooled condenser, Stainless Steel Cooling stand, Cleaning brush, Dust-proof cover, Instructional manual.
	:	EQ-830-19: 5 no.s Borosilicate glass bottles with special air cooled condenser, Stainless Steel Cooling stand, Cleaning brush, Dust-proof cover, Instructional manual.
Power	:	230V AC Mains ±10%, @50Hz, 1020VA.
Weight	:	10 Kg approximate.
Dimensions	:	400mm (L) x 230mm (D) x 140mm (H).

HOT PLATE WITH MAGNETIC STIRRER

MODEL EQ-725

Digital Temperature control with Temperature probe. Auto Shut OFF timer. 0-2000 RPM with RPM sensor.

Useful for Laboratories, Industries. Preparation of solutions.

Stirrer Techonolgy	:	µController based Tri-Phase wave drive technology for jerk free stirring with Hall Sensor for accurate RPM control. 0-2000 RPM with Auto Reverse function. Changes direction within 2 seconds. User selectable Auto reverse Interval. PUSH-TO-RECENTER switch.
Readout	:	4 digit for RPM. 3 digit for temperature.
Display	:	20*4 Super bright LCD display.
Hot Plate	:	6 Inch SS Top plate with 700W Ceramic heater for fast & uniform heating.
Temp. Range	:	Room Temperature to 350°C.
Temp. Stability	:	Highly stable, ±1°C.
Timer	:	0-999 minutes. Auto shut-off with End Buzzer Alarm.
Accuracy	:	±1°C.
Temp. Controller	:	µController based PID.
Stirring capacity	:	Up to 2L.
User interface	:	Multi-turn, Electromagnetic knob for setting of Parameters.
Body	:	Shock proof, powder coated MS body.
Accessories	:	3 no. Teflon coated Magnetic peddle , Teflon Temperature Probe, Instructional manual.
Power	:	230V AC Mains ± 10%, @50Hz, 720VA.
Weight	:	5 Kg approximate.
Dimensions	:	400mm (L) x 230mm (D) x 140mm (H).

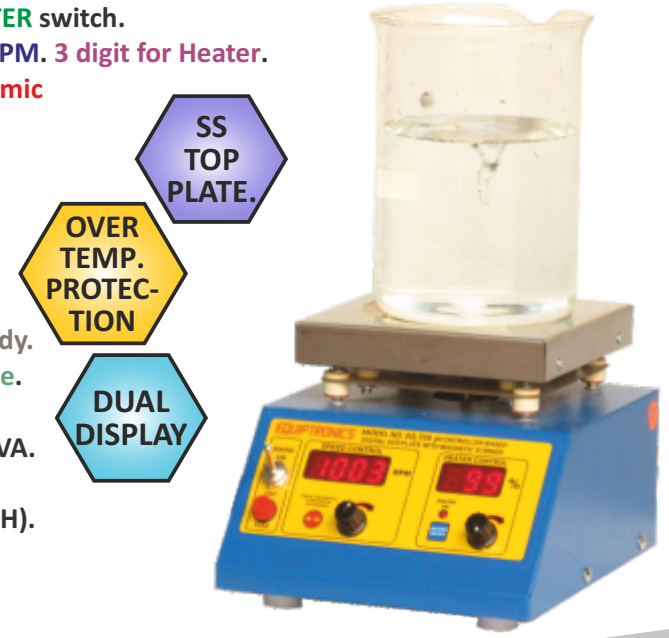


MODEL EQ-720

0-2000 RPM. Digital Heater control with over temperature protection.

Useful for Laboratories. Preparation of solutions.

Stirrer Technology	:	µController based Tri-Phase wave drive technology for jerk free stirring.
Speed		0-2000 RPM with PUSH-TO-RECENTER switch.
Readout	:	7 Segment LED display. 4 digit for RPM. 3 digit for Heater.
Hot Plate	:	6 Inch SS Top plate with 700W Ceramic heater for fast & uniform heating.
Temp. Range	:	Room Temperature to 350°C.
Temp. Stability	:	Highly stable.
Accuracy	:	±1%.
Temp. Controller	:	Digital Heater Control.
Stirring capacity	:	Up to 2L.
Body	:	Shock proof, powder coated MS body.
Accessories	:	2 no. Teflon coated Magnetic peddle. Instructional manual.
Power	:	230V AC Mains ± 10%, @50Hz, 720VA.
Weight	:	5 Kg approximate.
Dimensions	:	400mm (L) x 230mm (D) x 140mm (H).



DIGITAL ELECTROCHEMICAL CORROSION TESTING APPARATUS (TAFEL APPARATUS)

MODEL EQ-960

0-30V, 0-100mA TAFEL Apparatus

Useful for determining Corrosion Potential (E_{corr}) and Corrosion current (I_{corr}) using the TAFEL curve.

- Can Determine the **ANODIC AND CATHODIC GRAPHS**.
- Switch to **CHANGE THE POLARITY** of the electrodes.
- **LEDs** to indicates the polarity of electrodes.



Readout	:	3 Digital Readouts (Applied Current, Applied Voltage, Reference voltage).
Working Modes	:	2 Modes. Constant Current and Constant Voltage.
Stability	:	Highly stable. ±1 in Last digit.
Accuracy	:	Applied Current - 1mA. Applied Voltage - 0.1V. Reference Voltage - 0.01V.
Range	:	Applied Current - 0-300mA. Applied Voltage - 0-30V. Reference Voltage - 0-20V.
Body	:	Shock proof, light weight, ABS molded box.
Accessories	:	Counter Electrode (EQ-706 Platinised Platinum electrode), Reference electrode (EQ-704 Hg/HgCl KCl filled), Special clip with wire to connect the Working Electrode (the metal under test), special stand for mounting of electrodes,250mL beaker.
Power	:	230V AC Mains ± 10%, @50Hz, 30VA.
Weight	:	3 Kg approximate.
Dimensions	:	400mm (L) x 230mm (D) x 140mm (H).

SERVO VOLTAGE SINE WAVE STABILIZER

MODEL EQ-590/591

Useful In Areas With Improper/fluctuating Mains Voltage Supply. Can Be Used With All Our Instruments.

All the electronic instruments need protection against overvoltage and under voltage. Over voltage will spoil the instrument, while under voltage will hamper the performance. Servo voltage stabilizer is sine wave stabilizer and it controls voltage very accurately. It is a continuous control whereas other stabilizers that are available in the market are for freeze and oven, where control is in steps.

Model EQ 590 / 591 controls voltage continuously.

Single stabilizer EQ591 can be wired in lab to supply many instruments at a time. Thus a single unit can run the entire practical session in the lab.

NB: Heavy loads of pump, oven, and incubator should not be connected. Please consult us before buying the stabilizer.



• Voltage	Sine Wave 50Hz
• Input Voltage	200 TO 250 VAC
• Output Voltage	230 V ± 5 V
• Power Output	EQ-591 1000VA EQ-590 700VA
• Power Sockets	4 NO.S
• Weight	5 KG APPROX
• Dimensions	215MM(L) X 235MM(W) X 205MM(D)

This Sine Wave Stablizer will protect all costly instruments like Spectrophotometer, Flamephotometer, Ph. Meter, CRO, etc.

ELECTRODES

Perfect Electrodes

To Suit

EQUIPTRONICS®

Instruments

Your expensive instruments will be hampered if you use low quality electrodes.

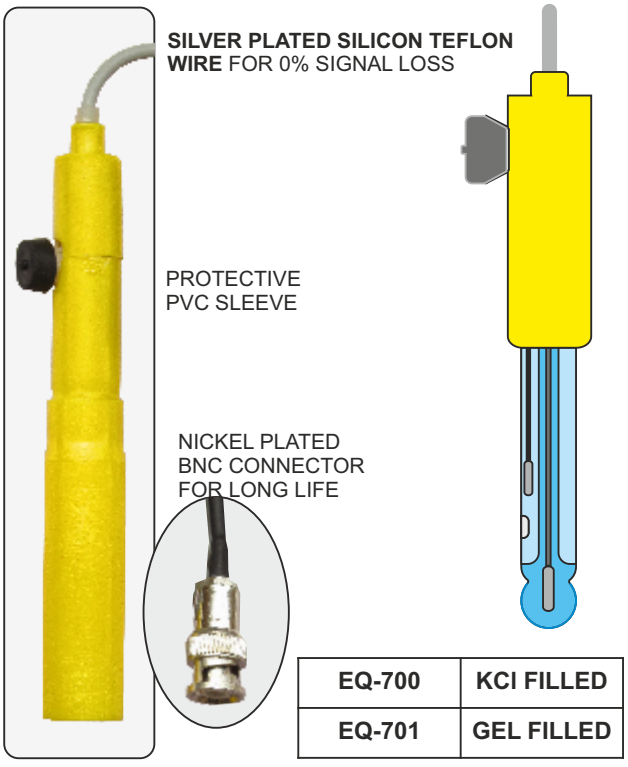
Don't be misled by Dealers. Always insist on EQUIPTRONICS® brand with Model no

Common Features

- All the electrodes are thoroughly tested before dispatch
- The BNC connector pin is gold plated the wires are teflon coated, Pins are Tin plated
- Very sturdy and attractive box for storage
- All the electrodes are unbreakable, Protected by APH acid Proof Sleeve.
- Low volume
- High strength Glass made using Nano Crystal Technology. Lasts 30% more than generic electrodes.

MODEL NO. EQ-700/ EQ-701	PH ELECTRODE UNBREAKABLE PVC SLEEVED GLASS + REFERENCE COMBINED

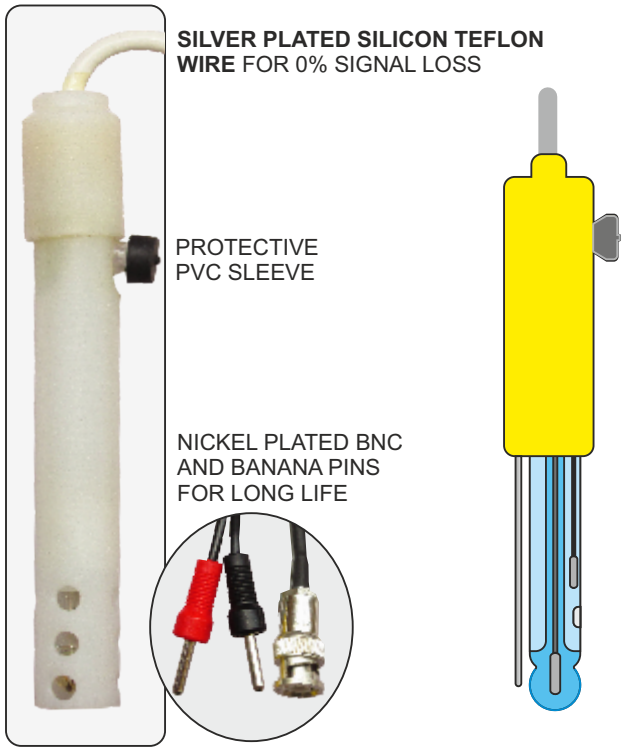
CAN BE USED WITH: EQ-610, EQ-610A, EQ-611, EQ-612, EQ-614A, EQ-615, EQ-621, EQ-622



EQ-700	KCI FILLED
EQ-701	GEL FILLED

MODEL NO. EQ-700 T	PH ELECTRODE UNBREAKABLE PVC SLEEVED GLASS + REFERENCE + TEMPERATURE PROBE COMBINED

CAN BE USED WITH: EQ-632

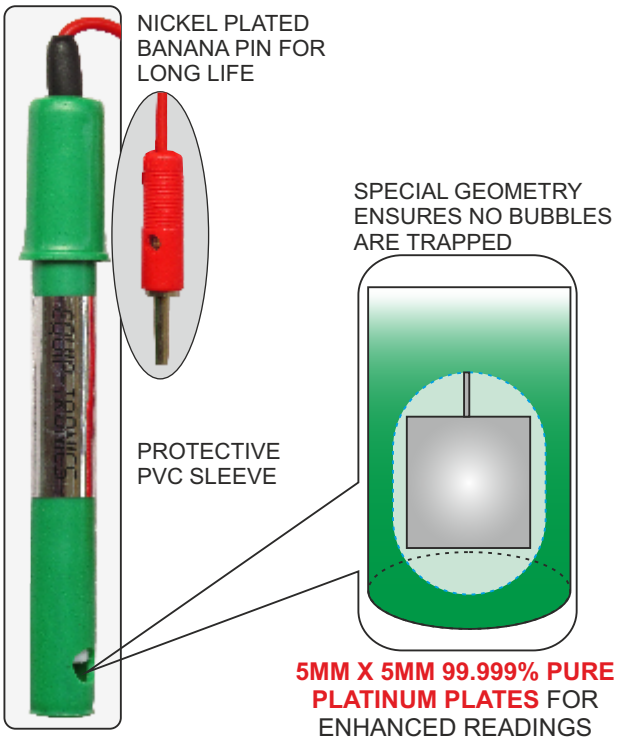


ELECTRODES

MODEL NO. EQ-706

PLATINUM ELECTRODE UNBREAKABLE PVC SLEEVED 99.999% PURE 25MM² PLATINUM PLATE

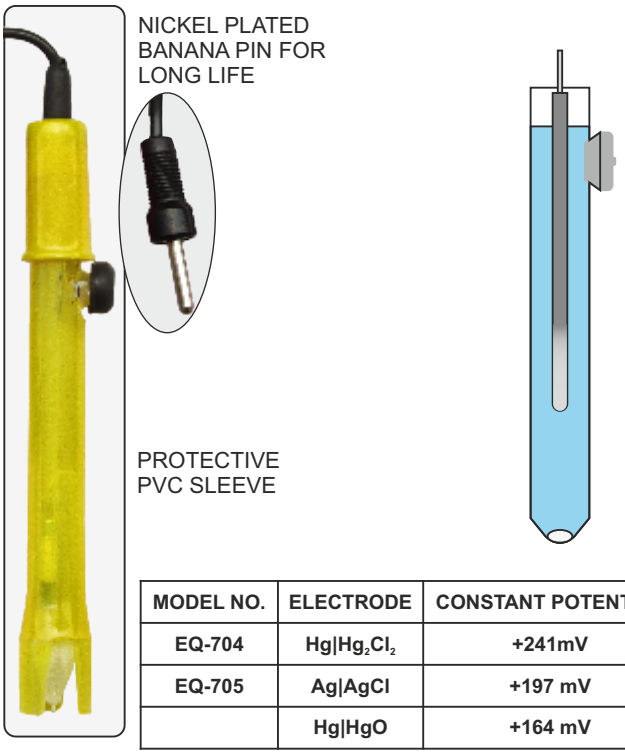
CAN BE USED WITH: EQ-601, EQ-602, EQ-603, EQ-606, EQ-607, EQ-609, EQ-565



MODEL NO. EQ-704/ EQ-705

REFERENCE ELECTRODES UNBREAKABLE PVC SLEEVED $Hg|Hg_2Cl_2$(CALOMEL) / Hg|HgO / Ag|AgCl KCl FILLED

CAN BE USED WITH: EQ-601, EQ-602, EQ-603, EQ-606, EQ-607, EQ-609, EQ-565

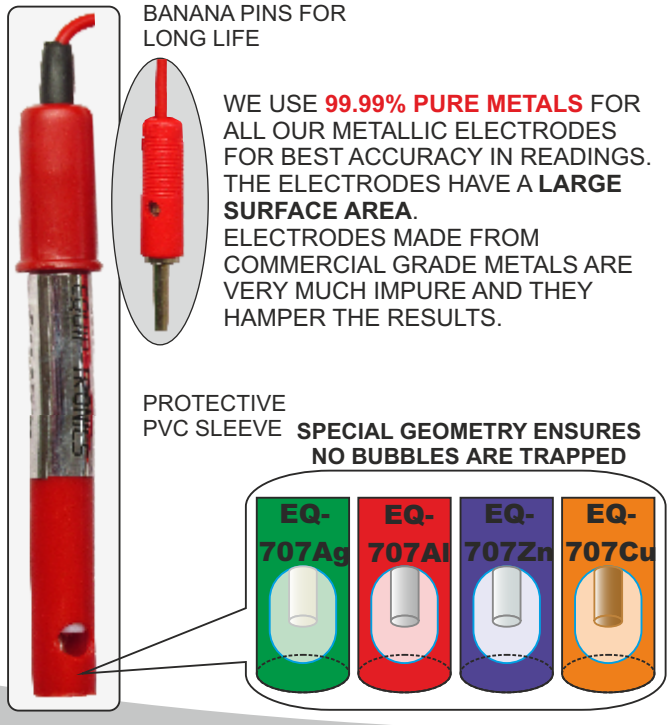


MODEL NO.	ELECTRODE	CONSTANT POTENTIAL
EQ-704	$Hg|Hg_2Cl_2$	+241mV
EQ-705	Ag|AgCl	+197 mV
	Hg|HgO	+164 mV

MODEL NO. EQ-707 Ag EQ-707 Al EQ-707 Zn EQ-707 Cu

METALLIC ELECTRODES WITH 99.99% PURE METALS

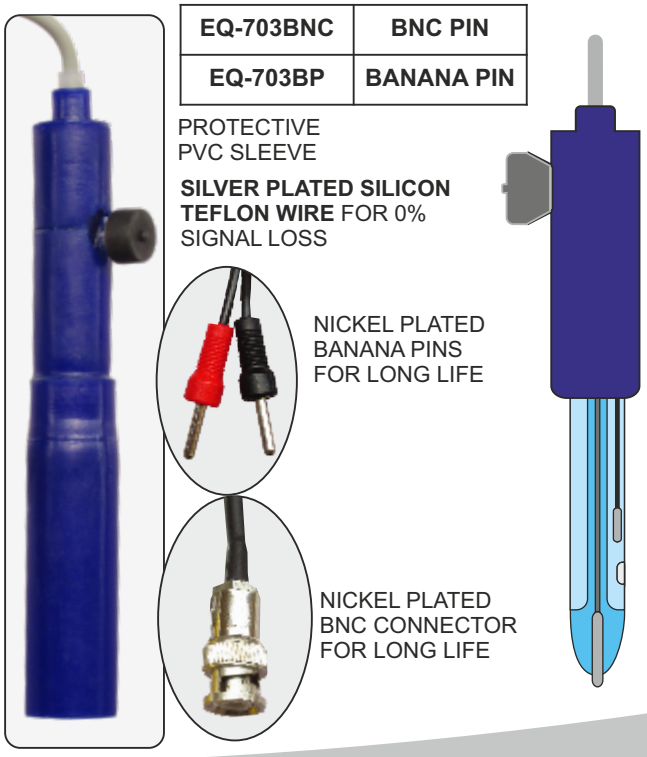
CAN BE USED WITH: EQ-601, EQ-602, EQ-603, EQ-606, EQ-607, EQ-609, EQ-565



MODEL NO. EQ-703 BNC EQ-703 BP

REDOX ELECTRODE PLATINUM + REFERENCE (KCl FILLED) COMBINED UNBREAKABLE PVC SLEEVED

CAN BE USED WITH: EQ-601, EQ-602, EQ-603, EQ-606, EQ-607, EQ-609, EQ-565, EQ-640, EQ-642



ELECTRODES

MODEL NO.	CONDUCTIVITY CELL
EQ-708 A EQ-708 B EQ-708 C EQ-708 D	UNBREAKABLE PVC SLEEVED 99.99% PURE PLATINISED PLATINUM PLATES

CAN BE USED WITH: EQ-660B, EQ-661, EQ-662, EQ-664A, EQ-665, EQ-667, EQ-680, EQ-682

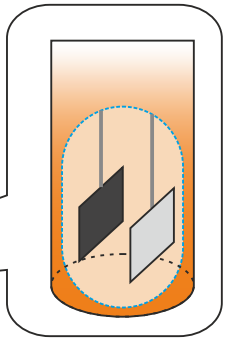


SILVER PLATED SILICON TEFLON WIRE FOR 0% SIGNAL LOSS



NICKEL PLATED BANANA PINS FOR LONG LIFE

PROTECTIVE PVC SLEEVE



99.99% PURE PLATINISED PLATINUM PLATES FOR ENHANCED SENSITIVITY AND STABILITY

MODEL NO.	K
EQ-708A	1.0
EQ-708B	0.5
EQ-708C	0.1
EQ-708D	10

MODEL NO.	CONDUCTIVITY CELL + TEMPERATURE PROBE
EQ-708 AT	COMBINED UNBREAKABLE PVC SLEEVED

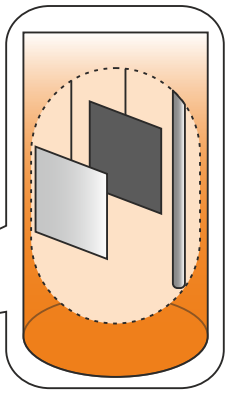
CAN BE USED WITH: EQ-632



NICKEL PLATED SHELL CONNECTOR WITH **SILVER PLATED SILICON TEFLON FLEXIBLE WIRE** FOR 0% SIGNAL LOSS AND A ROBUST CONNECTION

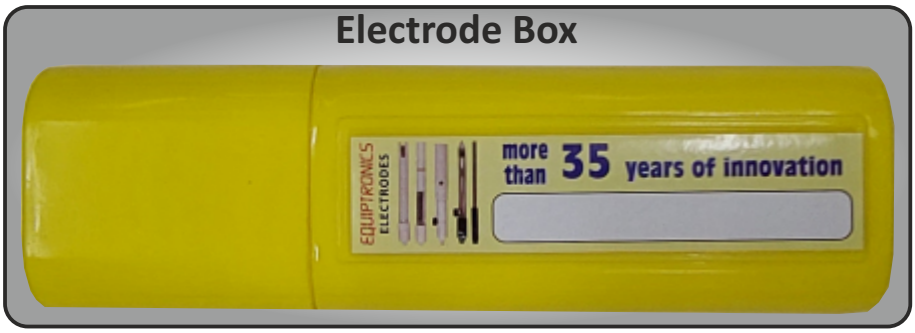


PROTECTIVE PVC SLEEVE



99.99% PURE PLATINISED PLATINUM PLATES FOR ENHANCED SENSITIVITY AND STABILITY

Electrode Box



HF ELECTRO CLEANER

Useful for Conductivity and Potentiometer Electrodes

After some use metals and impurities gets deposited on platinum electrodes and platinum plates, this will lead to fluctuations and wrong readings.

HF Electro Cleaner is a device to clean the impurities by HF Current.

This HF Cleaner is Latest innovation and will be added gradually in all the models of conductivity meter and potentio meter.

The user has to Connect the electrode to this device and dip in the solution of .01N HNO_3, and rinse in running water.

Looking back into 40 years

It was mid September 1980, that a motivated team headed by I.S. Khambati, a post graduate in nuclear physics, founded EQUIPTRONICS. The founder earlier worked as a staff member in University of Mumbai (Deptarment of Physics) and at the Western Regional Instrumentation Centre. It was there that the founder's foundation of knowledge was laid. It was the first time in 1974 that modern instruments were introduced at graduate and undergraduate level. The founder's job was to develop instruments and help college teachers to understand and make one prototype instrument for their colleges. In this connection the founder had to resource the know how from eminent scientist in BARC and TIFR. It was a great privilege to meet and be associated with such ICONIC personalities.

The founder was motivated by University staff member to start manufacturing such instruments so that deep rooted knowledge gained there by is utilized for benefit of the scientific community. This view point we keep in mind while designing & pricing. Initially it all started with small instruments like Power Supplies, pH meters, etc. Later on many instruments were added to the list, including Spectrophotometer, Flame Photometer, including the advanced versions of microprocessor based PC compatible instruments.

We are the pioneers in introducing the concept of Digital Instruments which was later on adapted by all the players in the field.

Our other contribution is in the Defense sector, where we have developed and supplied various import substitute electronic items for Indian Navy, thereby saving country's precious foreign exchange. At least one or many items of EQUIPTRONICS have been fitted in each and every naval ships.

"EQUIPTRONICS thanks all those friends and well wishers for their advice and comments for improvement in our quality. All these is achieved by hard work of all our dedicated staff and other professionals in the network. Our staff members are honest, hardworking and enforce strict code of conduct."

On 12th October 2010 our team's hard work of 30 years was finally rewarded. Our technical expertise was finally recognized when EQUIPTRONICS was selected to be featured on national TV. Millions got a chance to view the real team behind the famous brand. A rare honour bestowed on a small company, bypassing giants in the field. This historic event will be cherished by our team all along their life.

We provide after sales service and spare parts support for at least up to 10 years. We believe to always keep our instruments in a working condition at the users' end. We offer prompt services at economical rates unlike other Chinese, North Indian or High end foreign brands.

EDUCATION:
» CHEMISTRY
» ZOOLOGY
» ENVIRONMENTAL SCIENCE
» ENVIRONMENTAL ENGINEERING
» BIOTECHNOLOGY
» BOTANY
» PHARMACY

AGRICULTURE:
» SOIL TESTING
» SUGAR CANE INDUSTRIES
» PESTICIDE & FERTILIZER INDUSTRIES

WATER INDUSTRY:
» RO PLANTS
» DM WATER PLANTS
» PACKAGED WATER INDUSTRY
» MUNICIPAL DRINKING WATER PLANTS
» DISTILLED WATER » PLANTS

TESTING LABORATORIES:
» ENVIRONMENTAL
» FOOD & DRUG
» CHEMICAL
» RESEARCH

Reliability & Ease of operation from your trusted brand

EQUIPTRONICS™

More than 45 years of innovation

2023

INDUSTRIES:
» PHARMACEUTICAL
» CHEMICAL » WATER
» POLYMER » ESSENTIAL OIL
» AROMATIC & PERFUME
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