

# Microprocessor WATER & SOIL ANALYSIS KIT WATER & SOIL ANALYSIS KIT

1160

## Advantages

- Measures pH, Conductivity, TDS, DO, Salinity, mV & Temperature
- Highly Accurate & Stable
- User Friendly & Menu Driven Software
- 16x2 Line Alphanumeric LCD Display
- Storage for 999 Samples
- Printer Attachment Facility
- Mains cum Battery Operated



1 Year  
Warranty

Microprocessor Based Water & Soil Analysis Kit Model 1160 for efficient use of nutrients in the soil, to test purity of drinking water and for waste water testing, the company has introduced microprocessor Water & soil Analysis Kit. This is a unique portable instrument for measurement of various parameters i.e. pH, Conductivity, TDS, Salinity, Temperature, Dissolved Oxygen and mV of any solution. A chargeable sealed battery is provided within the kit that makes it extremely useful for field and laboratory use.

The use of latest micro controller technology makes it reliable, accurate and low The use of latest micro controller technology makes it reliable, accurate and low positioning, auto buffer recognition and polarity indication and low battery indication facility which eliminates manual errors.



# MICROPROCESSOR WATER & SOIL ANALYSIS KIT

## Technical Data

MODEL 1160	pH	Cond.	TDS	DO	ORP	Salinity	Temp.
Range	-2 to 20.00 pH	0-20, 0-200µS 0-2, 0-20, 0-200mS	0-20, 0-200 ppm 0-2, 0-20, 0-200 ppt	0-20ppm	0 to ± 1999.9 mV	0-20, 0-200ppm 0-2, 0-20, 0-50 ppt	0-100°C
Resolution	0.01 pH	0.01 µS	0.01ppm	0.1ppm	0.1 mV	0.01ppm	0-1 °C
Accuracy	±0.01 ± 1 Digit	± 0.5% FS ± 1 Digit	± 0.5% FS ± 1 Digit	±0.1 ppm± 1 Digit	±0.1 mV ± 1 Digit	±1% of Range ± 1 Digit	±0.1 °C ± 1 Digit
Temp. Comp.	0 to 100 °C (Auto/Manual)	0-50 °C (Auto/Manual)	(Auto/Manual) (0 - 50 °C)	(Auto/Manual) (0 to 55 °C)	---	Auto/Manual (0 - 50 °C)	---
Sensor	pH electrode Combination	Cond/Salinity/ TDS cell	Cond/Salinity/ TDS cell	Gold/Silver Probe	---	Cond/Salinity/ TDS cell	Semi Conductor Type Probe
Calibration	Auto & Manual	---	---	Auto	---	---	---
Reference Temperature	---	Selectable (5-50 °C)	Selectable (5-50 °C)	---	---	---	---
Auto Buffer Recog.	4.00, 7.00 & 9.2 pH	---	---	---	---	---	---
Range Selection	---	Automatic	Automatic	---	---	Automatic	---
Cell Constant adjustment	---	Automatic (0.05 to 10.5)	Automatic	---	---	Automatic	---
Power Supply	6V Rechargeable Batter or 230V ±10% AC, 50 Hz						
Accessories	pH Electrode, Cond./TDS Cell, Temp. Probe, DO Probe, Main Lead, Operation Manual						

## Product Range

Semi Auto Analyser, Single Beam and double beam UV/VIS Spectrophotometer, Flame Photometers, Haemoglobin meter, Digital pH, Meter, Digital Photo Fluorometer, Digital Conductivity, Turbidity Meter, Auto KF Titrimeter, Digital DO Meter, Digital Conductivity Meter, Digital TDS Meter, Temperature Indicator, Digital Telethermometer, Water & Soil Analysis Kit, Digital Salinity Meter, Digital Colony Counter, Portable pH meter, Portable Conductivity Meter, Portable TDS Meter, Portable DO Meter, Digital Tablet Disintegration Apparatus, Digital Friability Test Apparatus Tablet Dissolution Test Apparatus, Melting Apparatus, Student Microscope, Binocular microscope, Medical Microscope, Co-Axial Microscope.

Note:- Packaging in shock proof Styrofoam packing inside an attractive and thick cardboard storage box

**ENVIRONMENTAL  
AND SCIENTIFIC  
INSTRUMENTS CO.**

AN ISO 9001 : 2015 CERTIFIED CO.

