



CONDUCTIVITY METER

Useful for measuring conductivity of homogeneous electrolytic solutions. Supplied with conductivity cell of cell constant 1, cell stand and standard conductivity solution.

Range : 0.01 micro siemen/ cm to 199.9 milli siemens/ cm in 5 ranges of 20 micro s/cm, 200 micro s/cm, 2 milli s/cm, 20 milli s/cm and 200 milli s/cm.

Accuracy : $\pm 3\%$ of range

Re-Calibration: Front panel control with the help of standard conductivity solution supplied with the meter, helps in easy re-calibration of the conductivity meter.

Display: $3\frac{1}{2}$ digit, 7 segment, bright LED type of 12.5 mm height. Decimal point and over-range indications are provided.

Power Requirements : $230 \pm 10\%$ volts AC, 50/60 Hz, 5 VA

Standard Accessories: Conductivity cell of cell constant 1, cell stand, standard conductivity solution and instruction manual.

CH11182



WATER AND SOIL ANALYSIS KIT $3\frac{1}{2}$ DIGIT LCD DISPLAY COVERING 5 PARAMETERS

pH, Conductivity, TDS, ORP and Temperature. Battery cum mains operated, complete with accessories, fitted in briefcase.

CH11184



SINGLE BEAM MICROPROCESSOR UV-VIS SPECTROPHOTOMETER

Range 195 to 1000 nm with facility for automatic concentration, %Transmission, Absorbance and K Factor measurements. Manual wavelength calibration and selection. Sample holder with 4 position selector control for 10 mm path length cuvettes. Interface (RS 232). Set of 2 quartz and 4 glass cuvettes is provided. Software included (Imported).

Features:

- Cover 195 to 1000 nm
- 4 Position Cuvette Holder
- RS-232C Computer Interface
- High wavelength Precision
- Compact and Good Looking Shape
- Highly Accurate and Stable

Technical Specifications :

Photometric Range	: %T : 0 to 100%, Abs.: 0 to 1.999 Conc.: 0 to 1999, K-Factor : 0 to 1999
Accuracy	: ± 0.005 Abs at 1.0 Abs ± 0.010 Abs at 1.0 Abs
Stray Light	: Less than 0.1% Abs at 320 nm
Readability	: ± 1 Count
Data Readout	: Single Line LCD display
Key Board	: 4 KEYS, Soft touch membrane type
Painter Interface	: Printer interface for any printer
Serial Interface	: RS 232C interface
Light Source	: a) Tungsten Halogen Lamp b) Deuterium Lamp (D2)
Detector	: Wide range Silicon Photodiode
Optics	: Complete mirror optics with resolution 1200 grooves/mm grating
Sample Holder	: 4 position adjustable sample holder
Power	: $230V \pm 10\%$, 50 Hz. AC
Dimensions	: 420 x 350 x 240 mm (l x b x h) Approx.
Weight	: 10 Kg. (Approx.)
Wavelength	: 195 to 1000 nm
Spectral Bandwidth	: 2 nm
Accuracy	: ± 0.5 nm
Repeatability	: ± 0.3 nm
Resolution	: 0.1 nm

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