



SPECTRONICS INDIA

AN ISO 9001:2015 & CERTIFIED COMPANY

SI 157

DIGITAL WATER & SOIL ANALYSIS KIT



The diverse range of Digital Water & Soil Analysis Kit catered by us is of top-notch quality and is manufactured using quality raw material and advanced technology. Our experts and engineers are capable enough to maintain pace with the latest trend of the marketplace. Further, we can custom design the range as per the specifications of the clients in the stipulated time frame.

SALIENT FEATURES



Mains cum battery operated



Available in ABS plastic briefcase



Measures pH, conductivity, TDS, DO, Salinity, Temperature and Turbidity Meter.

ACCESSORIES

- Combined pH Electrode
- Cond./TDS/Salinity Cell
- Temp. Probe
- DO Probe
- DO Membrane
- 100ml Bottles One Pair Solution/Tablets 7pH & 4pH
- 30mm Clear Glass Tubes
- Main Lead
- Operation Manual



TECHNICAL SPECIFICATION

pH pH

RANGE : 0 TO 14 pH
 RESOLUTION : 0.01 pH
 ACCURACY : 0.01 ± 1 DIGIT
 TEMP.COMP. : 0-100°C (Manual)

TEMPERATURE

RANGE : 0-100°C
 RESOLUTION : 0.1°C
 ACCURACY : ±0.1°C ± 1 Digit
 SENSOR : Semi Conductor Type

TDS TDS

RANGE : 0-20 ppt 0-200 ppm
 RANGE SELECTION : Manual
 RESOLUTION : 0 -01 ppt
 ACCURACY : ±0.5% FS ± 1 Digit
 CELL CONSTANT : Pre-adjusted 0.4 to 1.5 On Display

DO DO

RANGE : 0-20 ppm
 RESOLUTION : 0.1 ppm
 ACCURACY : 0.5 ppm ± 1 Digit
 TEMP.COMP. : Manual (5°C to 55°C)
 DO SENSOR : Gold/Silver Amperometric probe

CONDUCTIVITY (EC)

RANGE : 0-20 mS 0-200 µS
 RESOLUTION : 0.01mS (10µS) 0.01µS
 RANGE SELECTION : Manual
 ACCURACY : ± 0.5 % FS ± 1 Digit
 CELL CONSTANT PRE-ADJUSTED : Adjustable (0.4 to 1.5)
 TEMP.COEFFICIENT : 2.00% 2%
 TEMP.COMP. : Adjustable from table
 REFERENCE TEMP. : 25°C

SALINITY

RANGE : 0-50 ppt 0-50 ppt
 RESOLUTION : 0.1 ppt 0.1 ppt
 ACCURACY : ± 0.5%FS ± 1 Digit
 POWER SUPPLY : 12V Rechargeable Battery or 230V±10% AC,50Hz

TURBIDITY

RANGE : 0-1000 NTU
 RESOLUTION : 1 NTU
 ACCURACY : ±3% FS ± 1 Digit
 SAMPLE SYSTEM : 30 mm clear glass tube

POWER

Inbuilt Rechargeable Battery & Main Supply