

Water Analysis Kit 1002

TECHNICAL SPECIFICATIONS

pH Meter

pH Range:	0 to 14 Ph
Mv Range:	0 to 1999 ± 1 mv
Temperature Range:	0 to 100 °C
Resolution:	0.01 pH for pH, 1 mv in mv Range
Repeatability:	0.01 pH ± 1 Digit, 1 mv ± 1 Digit
Standardization:	2 point calibration
Temp Comp:	0 to 100 °C – Auto & manual
Display:	3 ½ digits LED
Accessories:	Electrode, PT-100, Stand

Conductivity Meter

TDS Range:	0 to 1999 PPM, 0 to 19.99 PPT
Cond Range:	0 - 1999 µS, 0 - 19.99 µS
Accuracy:	± 1% of F.S.
Resolution:	TDS: 1 PPM, Conductivity: 1 µS
Sensor:	TDS / Conductivity Cell (Dip type)
Display:	3 ½ digits LCD
Accessories:	Electrode, PT-100, Stand-Clamp-Rod

D.O. Meter

Range:	Oxygen: 0-20 PPM, Temperature: -5 to +45 °C
Accuracy:	Oxygen: ±1% of F.S., Temperature: ±1% °C
Resolution:	Oxygen: 0.1 PPM, Temperature: 0.1 °C
Temperature Compensation:	±1% of D.O. reading within +5 Degree of calibration
	±3% of D.O. reading over entire range -5 to +45 °C
Display:	3 ½ digits LCD
D.O. Probe:	Cathode – Gold, Anode – Silver Membrane – FEP Teflon, Electrolyte – 7.5% KCL saturated with AgCl
Temperature:	Thermister Probe
Accessories:	D.O. Probe, Temperature Probe

Turbidity Meter

NTU Range:	0-1, 0-10, 0-100, 0-1000
Accuracy:	±2% of F.S. in 0-1 & 0-1000 NTU Range (up to 500 NTU) ±1% of F.S. in 0-1, 0-10, 0-20 & 0-200 NTU Range
Light Source:	Latest LED Technology
Display:	3 ½ digits LED DPM directly calibrated for %T & O.D.
Reproducibility:	Within 3% of F.S.
Calibration:	With Formazine Standard Solution – to be prepared by user
Detector:	Photo – Cell
Accessories:	4 pieces Test tubes, Cell Riser, Light Shield

Colory Meter

Filters & Wavelength:	8 Filters (411) – 400 to 700 nm
Light Source:	Latest LED Technology
Detector:	Photo Cell
Resolution:	1% in %T mode and 0.01 in ABS (O.D.) mode
Solution Volume:	1 ml (minimum)
Display:	2 ½ digits LED DPM calibrated for %T & O.D.
Power:	12 Volt DC Battery
Cabinet :	Housed in a Portable Suitcase

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ISO 9001:2008 CERTIFIED COMPANY

PRECISE ANALYTICAL INSTRUMENTS

Manufacturing unit: Icon Automation, 25+26/18, Nilsin plot, Phase-1, GIDC – Vatva, Ahmedabad – 382 445, Gujarat State. Web-site: www.nics96.com, Mail: nics96ahm@gmail.com, iconautomation@yahoo.com