

SPECIFICATIONS

pH

Range	: 0 to 14.00 pH
Resolution	: 0.01 pH
Accuracy	: ± 0.01 pH ± 1 Digit
Sensor	: Combined Electrode
Temp. Compensation	: Auto & Manual

mV / ORP

Range	: ± 1999 mV
Resolution	: 1 mV
Accuracy	: ± 1 mV ± 1 Digit
Sensor	: Combined Electrode

Conductivity / TDS

Range	: 0 to 100 mS (5 ranges) 0 ppm to 100 ppt (5 ranges) at TDS factor 0.5 (Approx) & TEMPCO 2%
Accuracy	: $\pm 1\%$ of FS ± 1 Digit
Sensor	: Conductivity Cell (Acceptable from 0.1 to 5.0 cell constant)
Temp. Compensation	: Auto / Manual

Salinity

Range	: 0 to 40 ppt
Resolution	: 0.1 ppt
Accuracy	: $\pm 2\%$ of FS ± 1 Digit
Sensor	: Conductivity Cell (Acceptable from 0.1 to 5.0 cell constant)
Temp. Compensation	: Auto / Manual

Dissolved Oxygen

Range	: 0 to 20 ppm
Resolution	: 0.1 ppm
Accuracy	: $\pm 1\%$ of FS ± 1 Digit ± 0.1
Sensor	: Au / Ag Probe
Temp. compensation	: Auto / Manual

Temperature

Range	: 0 to 100°C
Resolution	: 0.1°C
Accuracy	: $\pm 0.5^\circ$ C ± 1 Digit
Sensor	: PT 100

Colorimeter

Range	: 0 to 2.00 Abs 0 to 100 %T Conc : 0 to 1999
Accuracy	: ± 0.05 Abs
Resolution	: 0.001 Abs / 0.1 % T
Sensor	: Photodiode
Source	: Tungsten Lamp
Filters	: Blue (440 nm) Green (540 nm) Red (660 nm)

Turbidity

Range	: 0 to 1 NTU 0 to 10 NTU 0 to 100 NTU
Accuracy	: $\pm 2\%$ of FS
Sensor	: Photodiode
Source	: Tungsten Lamp

General

Display (LCD)	: 2 line 20 char. Alphanumeric
Printer Port	: Epson Compatible 80 Column D.M. Printer
Power	: 230 V 50 Hz $\pm 10\%$ or Internal Battery with charger
Dimensions	: 420(W) X 520(D) X 175(H) mm
Weight	: 9 kg (Approx)

Accessories

Combined Electrode

pH / mV / ORP



Conductivity Cell

Conductivity / TDS / Salinity



D. O. Probe

Dissolved Oxygen



Temperature Probe

Temperature



4 Nos. Test tubes for Colorimeter & Turbidity Meter
3 Nos. Filters for Colorimeter

Colorimetric - Abs, %T & Conc. Turbidity (NTU)



*Technical Specifications, Appearance & model number are subject to change without prior notice in keeping up with the state of art.