

MICROPROCESSOR TURBIDITY METER 35



TECHNICAL SPECIFICATIONS

pH MEASUREMENTS

- ✓ DISPLAY 16x2 LINES ALFA NUMERIC DISPLAY.
- ✓ RANGE TWO RANGES 0 TO 200.0 & 200 TO 1000 JTU/NTU
- ✓ ACCURACY $\pm 3\%$ OF FULL SCALE DEFLECTION IN 0-1000 JTU/NTU
- ✓ SAMPLE SYSTEM 30MM CLEAR GLASS CUVETTES
- ✓ LIGHT SOURCE 6.8 VOLT, 0.3 AMP TUNGSTEN LAMP.
- ✓ DETECTOR PHOTODIODE
- ✓ MEMORY IN BUILT MEMEORY TO RETAIN BOTH RANGE STANDARD SOULTION AND LAST SET VALUE EVEN AFTER POWER LOSS.
- ✓ CALIBRATION WITH FORMAZINE SOLUTION
- ✓ POWER SUPPLY 230 V $\pm 10\%$, 50 Hz.

ACCESSORIES

- ✓ CUVETTES 30 MM DIA. 1 SET
- ✓ OPERATION MANUAL 1 NO.
- ✓ DUST COVER 1 NO.

DIGITAL TURBIDITY METERS 33/34



TECHNICAL SPECIFICATIONS

- | Product | Digital Turbidity Metter (LT-33) | Digital Nephelometer (LT-34) |
|-----------------|--|---------------------------------|
| ✓ DISPLAY | 3½ Digit LED | 3½ Digit LED |
| ✓ DETECTOR | Photocell/ | Photodiode Photocell/Photodiode |
| ✓ RANGE | 0 to 1000 NTU in 2 ranges | 0 to 200 NTU in 2 ranges |
| ✓ RESOLUTION | 1 NTU | 0.1 NTU |
| ✓ ACCURACY | $\pm 3\%$ FS ± 1 digit | $\pm 2\%$ FS ± 1 digit |
| ✓ SAMPLE SYSTEM | 60 x 25mm Clear Glass Test Tube | |
| ✓ LIGHT SOURCE | LED | |
| ✓ POWER | 230V $\pm 10\%$, 50Hz. AC | |
| ✓ DIMENSIONS | 280 x 175 x 110 mm | |
| ✓ ACCESSORIES | • Test Tubes Set • Operation Manual • Dust Cover | |

SALIENT FEATURES

- ✓ Display - 3½ digit LED
- ✓ 30mm flat bottom Test Tube
- ✓ Range 0 - 1000 NTU (in Model 33)
- ✓ Ranges 0 - 200 NTU (in Model 34)
- ✓ Highly Stable & Accurate

MICROPROCESSOR D.O METER 52



TECHNICAL SPECIFICATIONS

D.o

- ✓ Range 0 To 20 Ppm
- ✓ Resolution 0.1 Ppm
- ✓ Temperature Comp. Automatic With Pt 100 Probe & Manual With Keys
- ✓ Pressure Adjustment 0 To 999 Mm Of Hg Manual
- ✓ Salinity Correction 0 To 20 Gm/1 (manual)
- ✓ Calibration Automatic
- ✓ Accuracy $\pm 2\% + 1$ Digit1

Temperature

- ✓ Range -20.0 To +200 °c
- ✓ Resolution 0.1 °c
- ✓ Accuracy $\pm 0.2\%$
- ✓ Input Type Pt 100
- ✓ Calibration Manual

Display

- ✓ 16 Character 2 Lines Alphanumeric LCD
- ✓ Display Format Temp & Do Simultaneously
- ✓ Setting By Soft Touch Keys
- ✓ Storage 1000 Samples With Date &time
- ✓ Interface USB
- ✓ Real Time Display 24 Hour Mode With Date
- ✓ Power Supply 230 V $\pm 10\%$ Ac 50 Hz
- ✓ Digital Output Serial Rs-232
- ✓ Print Format All Data Date Wise

DIGITAL D.O METERS 18/27



TECHNICAL SPECIFICATIONS

DIGITAL D.O METER

- ✓ Range 0 to 20.0 ppm
- ✓ Temperature 0 to 100 (in Model LT-27)
- ✓ Resolution 0.1 ppm
- ✓ Accuracy 0.1 ppm ± 1 count
- ✓ Temp. Compensation 0° C to 50° C Manual
- ✓ Compensation $\pm 3\%$
- ✓ D.O. Sensor Amperometric Gold/Silver membrane type.

GENERAL

- ✓ Display 3 ½ digit LED display
- ✓ Power 230V A.C 50 HZ
- ✓ Weight 2 Kg

STANDARD ACCESSORIES

- ✓ D O Electrode 1 No.
- ✓ Instruction Manual 1 No.
- ✓ D.O Membranes 1 Set.
- ✓ Temperature Probe 1 No. (in Model LT-27)