



ICON INSTRUMENTS COMPANY

MICROPROCESSOR BASED DIGITAL TURBIDITY METER

Technical Parameters :

| | |
|-------------------|--------------------------------------------------|
| Function | Turbidity & temp. simultaneously |
| Display | 16 character x 2 lines Alphanumeric BL LCD |
| Power supply | 230 V \pm 10% 50 Hz AC |
| Turbidity | |
| Range | 0-1000 NTU in Two Ranges |
| Resolution | .1 NTU in lowest Range |
| Accuracy | \pm 3% FS \pm 1-digit |
| Range Selection | Automatic |
| Detector | Photodiode/Photocell |
| Sample System | 30 mm Clear Glass test tube |
| Calibration | Manual |
| Light Source | 6V Tungsten Lamp |
| Display format | Temp. and parameter Simultaneously |
| Real Time Display | 24 Hour Mode With Date & Time |
| Temperature | |
| Range | -20.0°C to 200°C |
| Resolution | 0.1°C |
| Accuracy | \pm 0.1% of range \pm 1 digit |
| Calibration | Two point manual |
| Sensors | Pt100 probe |
| Data entry | By six soft touch keys with audible sound |
| Storage | 1000 samples |
| Real time display | 24 Hour mode with Date |
| Interface | RS-232, Centronics & computer |
| Print format | All Data & Date Wise (Programmable) |
| Digital output | Serial RS-232 Parallel Centronics (Programmable) |
| Accessories | Instruction Manual, test tube, Temp Probe |



subjected to change due to continuous development

| DATE | TIME | TEMP(DegC) | PARAMETER | MODE | SP.No |
|----------|-------|------------|-----------|------|-------|
| 12/12/08 | 11:18 | T= 020.0 | 001 | | |
| 12/12/08 | 11:18 | T= 020.0 | 002 | | |
| 12/12/08 | 11:18 | T= 020.0 | 003 | | |

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