

1801

## Features

- 128 x 64 dots Graphical LCD Display
- Highly Sensitive & Accurate
- Manual / Auto Temperature Compensation
- 1000 Samples Storage Facility
- Printer Interface Available



1 Year  
Warranty

**Microprocessor Based Dissolved Oxygen Meter Model 1801** is a solid state instrument designed to provide the precise Dissolved Oxygen and Temperature measurements. The instrument uses the latest microprocessor technology and advanced engineering techniques so as to give enhanced accuracy and reproducibility. The system has user friendly prompts, which guide you throughout the measurement process.

The instrument has 8 soft touch membrane type keys for ease of operation. It has the storage facility for 1000 samples, which are retained in the memory even when the system is switched OFF. Provision has also been made for attachment of any dot matrix/thermal printer with RS232 serial interface so that any of the stored result can be printed.

The instrument is extremely useful for agriculture and soil analysis laboratories, fisheries, water quality control in boiler feed water, water works department, breweries, water purification plants, chemical & pharmaceutical industries etc.

## Dissolved Oxygen Meter

### Technical Data

PARAMETER	D.O.	Temperature
RANGE	0 to 20 ppm	0-100°C
RESOLUTION	0.1 ppm	0.1°C
ACCURACY	± 0.2 ppm	±0.1°C
CALIBRATION	Automatic	
TEMPERATURE COMPENSATION	Auto/Manual (0-50°C)	
DISPLAY	128 x 64 dots Graphical LCD Display	
KEY BOARD	8 Soft touches membrane type keys	
PRINTER INTERFACE	Through RS 232 for serial printer using Dot Matrix/Thermal Printer	
STORAGE	up to 1000 Samples	
POWER	12V DC using 230±10% AC Adapter	
WEIGHT	2.5 Kg (Approx)	
DIMENSIONS	270 x 202 x 80 (LxBxH)	
ACCESSORIES	D.O. Probe, D.O. Membrane, Temperature Probe, Stirrer, Magnetic Capsule, Instruction Manual, Dust Cover	

### Product Range

Semi Auto Analyser, Single Beam and double Beam UV/VIS Spectrophotometer, Flame Photometers, Haemoglobin Meter, Digital pH, Meter, Digital Photo Fluorometer, Digital Conductivity Meter, Digital Photo Colorimeter, Turbidity Meter, Auto KF Titrimeter, Digital DO Meter, Digital Conductivity Meter, Digital TDS Meter, Temperature Indicator, Digital Telethermometer, Water & Soil Analysis Kit, Digital Salinity Meter, Digital Colony Counter, Portable pH Meter, Portable Conductivity Meter, Portable TDS Meter, Portable DO Meter, Digital Tablet Disintegration Apparatus, Digital Friability Test Apparatus Tablet Dissolution Test Apparatus, Melting Point Apparatus, Student Microscope, Binocular microscope, Medical Microscope, Co-Axial Microscope.

Note:- Packaging in shock proof Styrofoam packing inside an attractive and thick plywood storage box

**ENVIRONMENTAL  
AND SCIENTIFIC  
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