Product Name : Microprocessor EC-TDS-Sal Meter	**Product Code :** ELAB-ELC0010

Description :

Microprocessor EC-TDS-Sal Meter

Technical Specification :

Microprocessor EC-TDS-Sal Meter
Features:-
16x2 Alphanumeric LCD Display
EC, TDS, Salinity & Temperature Measurements
Auto Temperature Compensation
Auto Ranging Facility
Programmable Ref. Temp & Temp. Coefficient
90 Samples Storage Facility
Printer Attachment Facility
Microprocessor Based EC-TDS-Sal Meter model is a solid state instrument designed for precise EC, TDS, Salinity and Temperature measurements.
The instrument uses the latest microprocessor technology and advanced engineering techniques so as to give enchanced 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 90 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 printer with centronics interface so that any of the stored result can be printed.
The instrument is extremely useful for chemical & pharmaceutical inustry, agriculture and soil laboratories, swimming pools, water quality control in boiler feed water, water works department, fertilizer plants, petroleum refineries, breweries, water purification

plants etc.

Specifications:-

Parameter	Conductiviity	TDS	Salinity	Temperature
Range Selection	Automatic	Automatic	Automatic	-
Range	0-20, 0-200uS, 0-2, 0-20, 0-200 mS	0-20, 0-200 ppm, 0-2,0-20,0-200 ppt	0-20, 0-200 ppm, 0-2,0-20,0-50 ppt	0-100oC
Accuracy	±0.5% FS ±1 Digit	±1% FS ±1 Digit	±1% of Range, ±1 Digit	0.1oC
Resolution	0.01 uS	0.01 ppm	0.01 ppm	0.1oC
Cell constant	Adjustable (0.05-10.5)	Adjustable (0.05 -10.5)	Adjustable (0.05 -10.5)	-
Temperature compensation	Auto/Manual (0-100oC)	Auto/Manual (0-50oC)	Auto/Manual	-
Temperature Coefficient	-	Adjustable (0.1-4.0%)	Adjustable (0.1-4.0%)	-
Readout	16x2 Line Alphanumeric LCD with Backlit			
Storage	Up-to 90 Samples			
Key board	8 soft touch membrane type keys			
Printer Interface	Provision for attachment of Dot-Matrix Printer with Centronics Interface			
Power	230V±10%AC,50Hz			
Dimensions (L x B x H)	Instrument: 285 x 190 x 90 mm (Approx.) Packing Box: 335 x 305 x 265 mm (Approx.)			

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