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# Microprocessor pH/Conductivity/TDS/Salinity/Tem p. Meter

## Product Image

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## Description

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Catalog No. 100807

Microprocessor pH/Conductivity/TDS/Salinity/Temp. Meter - Model 53

## Technical Specifications

Function	pH OR mV & temperature simultaneously
Display	16 character x 2 lines Alphanumeric BL LCD
Power supply	230 V $\pm$ 10% 50 Hz AC
<b>pH</b>	
Range	0 to 14 pH
Resolution	0.01 pH
Accuracy	$\pm 0.01$ pH $\pm 1$ digit
Slope adjustment	80% to 120% By default 100%
Temp. Compensation	0 to 100 °C Auto with temp probe / Manual with keys
Auto buffer recognition	4.00 pH, 7.00 pH, 9.20 pH
Calibration	5 point (Programmable)

### Conductivity-TDS-SAL

Range	Conductivity	0.00 uS/cm to 1000 mS Auto ranging
	TDS	0.0 ppm to 1000 ppt Auto ranging
	SAL	0.0 ppt to 50 ppt Auto ranging
Resolution	Conductivity	0.01 uS on the lowest range
	TDS	0.1 ppm
	SAL	0.2 ppt
Accuracy	$\pm 0.5\%$ of range $\pm 1$ digit	
Measuring Cell	Platinum DIP Type	
Temp. Compensation	0 to 100 °C Automatic with temp probe	

### Temperature

Range	-50.0 °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	USB
Print format	All Data & Date Wise (Programmable)
Error Indication	pH ERROR, ORP ERROR, CAL ERROR & T-ERROR

## Accessories

Accessories	Dust Cover
pH Electrode	Electrode Stand
Instruction Manual	Temp Probe
Buffer Solutions	

## Disclaimer

The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.