



# ICON INSTRUMENTS COMPANY

## MICROPROCESSOR BASED DIGITAL COND-TDS-SAL METER

Function	Cond. & Temp., TDS & Temp., SAL & Temp. Simultaneously	
Display	16 character x 2 lines alphanumeric BL LCD	
Power supply	230 V $\pm$ 10% 50 Hz AC	
Conductivity-TDS-SAL Range	Cond	0.00 uS/cm to 1000 mS in 6-Auto ranges
	TDS	0.00 ppm to 200 ppt in 5-Auto ranges
	SAL	0.0 ppt to 50 ppt
Resolution	Cond	0.01/0.1/1 uS/cm or mS/cm as per range
	TDS	0.01/0.1/1 ppm or ppt as per range
	SAL	0.1 ppt
Accuracy	$\pm$ 0.5% of range $\pm$ 1 digit	
TDS Factor	0.50(By default) & adjustable manually	
SAL Factor	0.75(By default) & adjustable manually	
Cell const.adjustment	Digital 0.05 to 2.000 By default 1.000	
Temp.compensation	0 to 70°C Auto with temp. probe/Manual with keys	
Temp. Coefficient adj.	0.00% to 4.00% adjustable. By default 2.00%	
Calibration	Manual	
Reference Temp.	20°C & 25°C(selectable)	
Measuring Frequency	100 Hz & 1 KHz Auto Selection	
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
Digital output	Serial RS-232	Parallel Centronics
Accessories	Conductivity Cell	Instruction Manual



### Appearance & specification subjected to change due to continuous development PRINT FORMAT

DATE	TIME	TEMP(DegC)	PARAMETER	MODE	SP.No
12/12/08	11:18	T= 020.0	C=00.00us/cm	MANUL	001
12/12/08	11:18	T= 020.0	TDS=00.00ppm	MANUL	002
12/12/08	11:18	T= 020.0	SAL=000.5ppt	MANUL	003

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