

## MICROPROCESSOR CONDUCTIVITY-TDS-SALINITY METER (LIM-CON-01)

Conductivity measurement is an extremely widespread and useful method, especially for quality control purposes. Surveillance of feed-water purity, control of drinking water and process water quality, estimation of the total number of ions in a solution or direct measurement of components in process solutions can all be performed using conductivity measurements.



### TECHNICAL SPECIFICATIONS :

<b>Model : LIM-CON-01</b>	
Conductivity Range	0 to 20 $\mu$ S/cm, 200 $\mu$ S/cm, 2mS/cm, 20mS/cm, 200mS/cm, 1000mS/cm
Range Selection	Automatic
Cond. Resolution	0.1 $\mu$ S
Cond. Accuracy	$\pm$ 0.5% of range + 1 digit
TDS Range	0 to 200 ppt (in 5 ranges)
TDS Resolution	0.1 ppm
TDS Factor	0.5 and adjustable manually
Salinity Range	0 to 50 ppt
Salinity Resolution	0.1 ppt
Salinity Accuracy	$\pm$ 0.5% of range + 1 digit
Temperature co-eff.	Adjustable between 0 to 4%
Temperature Compensation	Manual and Automatic for entire range
Temperature Range	-200 TO +200 $^{\circ}$ C ( $\pm$ 2%)
Cell Constant Adjustment	Adjustable
Conductivity Cell	Platinum DIP type
Temp. Sensor	PT-100
Calibration	Single Point
Display	16 Character x 2 Lines Alphanumeric Backlit LCD
Storage	1000 Samples With Date & Time
Interface	RS-232
Power	230V ( $\pm$ 10%) AC, 50Hz

Models, Features and Specifications subject to change without notice.