

COT - 2



- ✓ Manual & Auto Data Logging
- ✓ Auto Ranging
- ✓ User friendly operation
- ✓ Compact, table top unit
- ✓ Large graphic LCD display
- ✓ PC Connectivity
- ✓ Low Bat. & charging Indication

General specifications :

Control Module	: Advance Microcontroller
Display	: Graphic LCD
Keyboard	: Soft touch Membrane type
PC Interface	: RS 232 Comm.
Real Time Clock	: Date / Time indication with report
Manual Logging Storage	: 40 Reports each with max 10 readings
Auto Logging Storage	: 25 Reports each with max 25 readings
Logging Interval	: 1 to 999 minutes
Power Supply	: 12V, 1A SMPS Adapter
Battery	: 8.4V, 2Ah Rechargeable
Dimensions	: 22.5 x 19 x 5.5 Cms (L x W x H)

Model COT - 2 is a micro-controller based Conductivity, temperature measurement instrument with graphic LCD display, easy to use operation ,error free precision readings. It is an ideal help in every lab for routine measurement and R & D work. It has non volatile data memory. Reports can be stored by Auto data logging & Manual data logging. With PC connectivity & GLP compliant features, it meets the requirements of all modern labs.

Auto ranging is the unique feature.

It is supplied complete with conductivity electrode of cell constant 1 & stand. Conductivity electrode of cell constant 0.1 is optional and can be procured if required.

Ordering Information :

COT-2

Complete with conductivity cell (cell constant 1.0)
Temp. Sensor , PC Cable

Optional accessories :

Conductivity cell of cell constant 0.1
to be ordered if required Serial Dot Matrix printer
Software for 21 CFR part II compliance

Specifications	Conductivity	TDS (as per Factor 0.5)*
Range	0.02 μ S - 0.2 μ S	10 ppb - 100 ppb
	0.2 μ S - 2 μ S	100 ppb - 1.00 ppm
	2 μ S - 20 μ S	1.00 ppm - 10.0 ppm
	20 μ S - 200 μ S	10.0 ppm - 100 ppm
	200 μ S - 2 mS	100 ppm - 1000 ppm
	2 mS - 20 mS	1000 ppm - 10000 ppm
	20 mS - 200 mS	10000 ppm - 100000 ppm
Resolution	0.01 μ S	1 ppb (lower range)
		1 ppm (higher range)
Accuracy	\pm 2.0% FS of each range	

* The factor can be changed to any value between 0.5 to 1

Spectralab Instruments Pvt. Ltd.

W - 446, Rabale MIDC, Navi Mumbai - 400 701,
Maharashtra, India. **Tel.** : 91-22- 62556868 (100 lines)
Email : sales@spectralab.biz ; **Web** : www.spectralab.biz