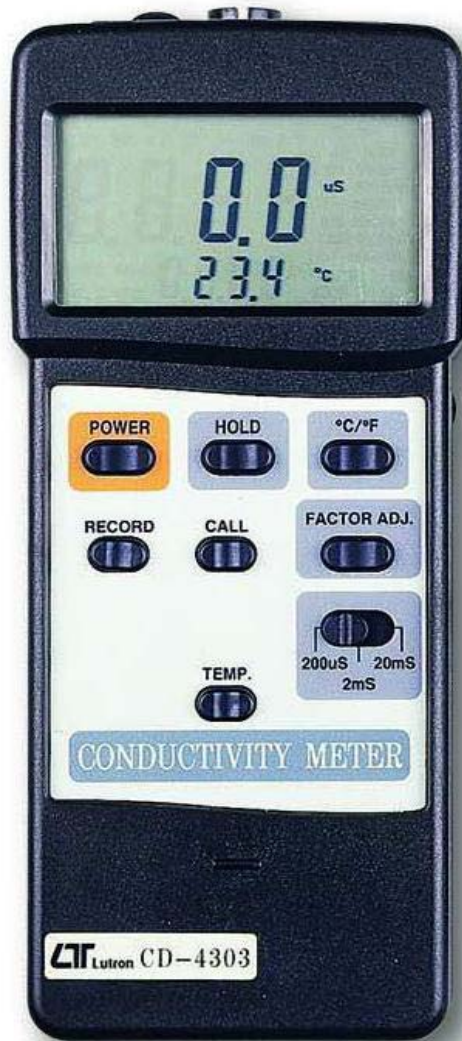


200 uS/2 mS/20 mS, RS-232

CONDUCTIVITY METER

Model : CD-4303

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

CONDUCTIVITY METER

Model : CD-4303

FEATURES	
* Microcomputer circuit assures maximum possible accuracy, provides special functions and features.	* Innovative feature with built-in automatic temperature compensation values, adjustable between 0 to 5.0% per °C. Turning the dial to 0% per °C allows you to take uncompensated conductivity readings.
* Super large LCD display with contrast adjustment for best viewing angle.	* Wide automatic temperature compensation range from 0 °C to 60 °C, high accuracy.
* Dual function meter's display.	
* Heavy duty & compact housing case, designed for easy carry out & operation.	* Carbon rod electrode for long life.
* Records Maximum, Minimum and Average readings with RECALL.	* Show the conductivity & temperature values at the same LCD display.
* DATA HOLD function for stored the desired value on display.	* Temperature function for °C or °F be selected by push button on front panel easily.
* Auto shut off saves battery life.	* Built-in low battery indicator.
* The portable conductivity meter provides fast, accurate readings, with digital readability and the convenience of a remote probe separately.	* Wide applications: water conditioning, aquariums, beverage, fish hatcheries, food processing, photography, laboratory, paper industry, quality control, school & college, water conditioning.
* RS 232 PC serial interface.	
* Multi-measuring ranges: 200 uS, 2 mS, 20 mS.	

GENERAL SPECIFICATIONS			
Circuit	Custom one-chip of micro-processor LSI circuit.	Solution Temp. Coefficient	Preset to 2.0 % per °C. Automatic from 0 to 60 °C (32-140 °F), with temperature compensation factor variable between 0 to 5.0% per °C.
Display	* 13 mm(0.5") Super large LCD display with contrast adjustment for best viewing angle. * Dual function meter's display.	Factor	
Measurement & ranges	200 uS - 0.1 uS to 199.9 uS. 2 mS - 0.2 mS to 1.999 mS. 20 mS - 2 mS to 19.99 mS Temperature : °C, °F.	Operating Temperature	0 to 50 °C - main instrument. 0 to 60 °C - probe only.
		Operating Humidity	Max. 80% RH.
		Power Supply	006P DC 9V battery(heavy duty).
Sensor Electrode	Carbon rod electrode, high reliability.	Power Current	Approx. DC 7.8 mA.
Data Hold	By push button	Weight	350 g/0.77 LB
Memory Recall	Records Maximum, Minimum and Average readings with recall.	Dimension	<i>Main instrument:</i> 180 x 72 x 32 mm (7.1 x 2.8 x 1.3 inch). <i>Conductivity probe:</i> Round, 22 mm Dia. x 120 mm.
Power off	Auto shut off saves battery life or manual off by push button.	Accessories Included	Instruction manual..... 1 PC. Conductivity electrode..... 1 PC. Carrying Case..... 1 PC.
Sampling Time	Approx. 0.8 second.	Optional Accessories	* RS232 cable, UPCB-01 * USB cable, USB-01 * Data Acquisition software, SW-U801-WIN * 1.413 mS calibration solution, CD-14.
Data Output	RS 232 PC serial interface.		
Temperature Compensation	Automatic adjusting 0 °C to 60 °C (32 °F to 140 °F).		
Over input indication	Indication of "- - - -".		

ELECTRICAL SPECIFICATIONS (23± 5 °C)				
Function	Range	Measuring values	Resolution	Accuracy
Conductivity	200 uS	0.1 uS to 199.9 uS.	0.1 uS	± (2 % F.S. + 1 d) * F.S. - Full scale
	2 mS	0.2 mS to 1.999 mS.	0.001 mS	
	20 mS	2 mS to 19.99 mS	0.01 mS	
* uS - micro Simens, mS - milli Simens				
Temperature	°C	0 °C to 60 °C	0.1 °C	± 0.8 °C
	°F	32 °F to 140 °F	0.1 °F	± 1.5 °F

* Appearance and specifications listed in this brochure are subject to change without notice.

0608-CD4303