

200 μ S/2 mS/20 mS

CONDUCTIVITY METER

Model : CD-4303HA

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

The Art of Measurement

CONDUCTIVITY METER

Model : CD-4303HA

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.	
* Dual function meter's display.	* Wide automatic temperature compensation range from 0 °C to 60 °C, high accuracy.
* Heavy duty & compact housing case, designed for easy carry out & operation.	* Show the conductivity & temperature values at the same LCD display.
* Records Maximum, Minimum and Average readings with RECALL.	* Temperature function for °C or °F be selected by push button on front panel easily.
* DATA HOLD function for stored the desired value on display.	* Built-in low battery indicator.
* Auto shut off saves battery life.	
* 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.
* Carbon rod electrode for long life.	

GENERAL SPECIFICATIONS

Circuit	Custom one-chip of micro-processor LSI circuit.	Solution Temp. Coefficient Factor	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.	Operating Temperature	0 to 50 °C - main instrument. 0 to 60 °C - probe only.
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 Humidity	Max. 80% RH.
Sensor Electrode	Carbon rod electrode, high reliability.	Power Supply	006P DC 9V battery(heavy duty).
Data Hold	By push button	Power Current	Approx. DC 7.8 mA.
Memory Recall	Records Maximum, Minimum and Average readings with recall.	Weight	350 g/0.77 LB
Power off	Auto shut off saves battery life or manual off by push button.	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.
Sampling Time	Approx. 0.8 second.	Accessories Included	Instruction manual..... 1 PC. Conductivity electrode..... 1 PC. Carrying Case..... 1 PC.
Temperature Compensation	Automatic adjusting 0 °C to 60 °C (32 °F to 140 °F).	Optional Accessories	* 1.413 mS calibration solution, CD-14.
Over input indication	Indication of "- - -".		

ELECTRICAL SPECIFICATIONS (23±5 °C)

Function	Range	Measuring values	Resolution	Accuracy
Conductivity	200 uS 2 mS 20 mS	0.1 uS to 199.9 uS. 0.2 mS to 1.999 mS. 2 mS to 19.99 mS	0.1 uS 0.001 mS 0.01 mS	± (2 % F.S. + 1 d) * F.S. - Full scale
	* 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.

0609-CD4303HA