



# BEARING & TOOL CENTRE



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## Our Sister Concern : RELIEF SERVICE CENTRE

Repairs, Removal of Jaw Error, Bore Gauge Extension, Instrument Modifications & Spares

### Quotation

#### 103 | Conductivity Meter

Code	4301	4302
Make	Lutron	Lutron
Range	199.9uS	1.999 & 19.99mS
Rs.	8290	11540
Catalog	Page No - 2	Page No - 4

#### 103 - 1 | PH/ Conductivity / TDS Testers - Combined

Code	pH/conductivity/TDS Testers HI 98129	pH/conductivity/TDS Testers HI 98130
Range	0.00 to 14.00 PH	0.00 to 14.00 PH
Least count	0.01 PH	0.01 PH
Hanna Make Rs.	13500	13500
Catalog	Page No - 6	Page No - 6

## Note : No any warranty in all above Testing Instruments

### Terms & Conditions –

- Goods offered - Subject to Prior Sale
- Price Validity: "15 Days from Date of Quotation"
- C.S.T 2% extra against form C. Otherwise 5% without form C For Out of Gujarat Sales only.
- VAT 5% extra for Sales within Gujarat. Prices Ex-Godown Ahmedabad.
- Payment against Proforma Invoice, Packing, Forwarding & Freight extra.
- **Bank Detail** – Kotak Mahindra Bank Ltd.
- **Branch** – Shivranjini
- **Bank IFSC Code** - KKBK 0000 810
- **Bank Account No.** 08102 00000 2689
- Note - While making payment online do mention your Company's name.
- TIN NO 24070901229 , CST No. 24570901229
- We are looking forward to your valued orders.

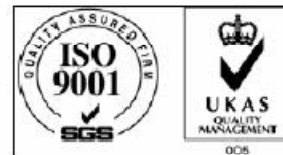
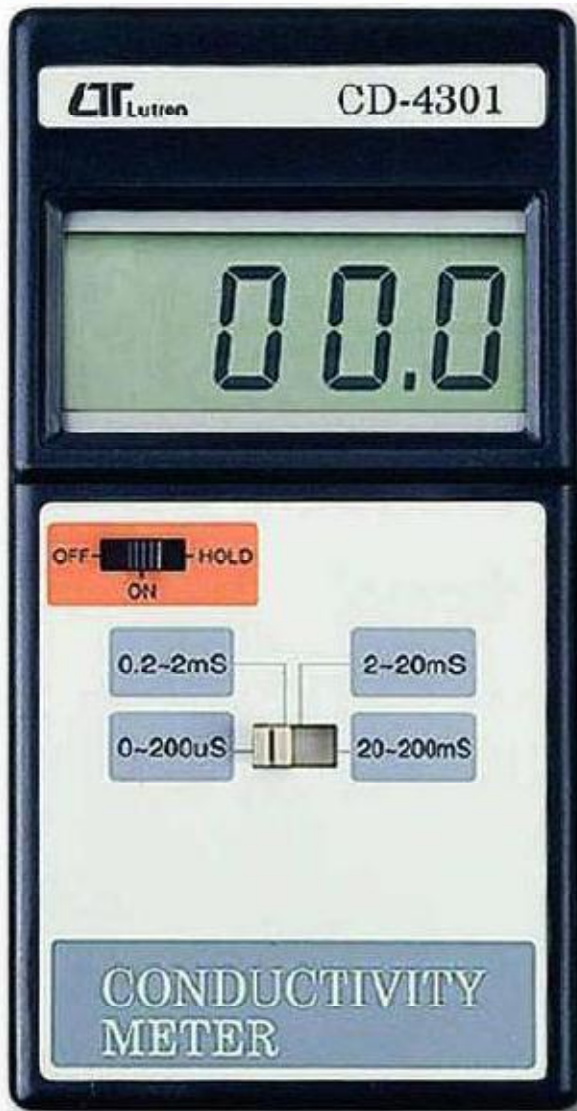
# LUTRON MAKE

*2 mS/20 mS/200 mS*

# CONDUCTIVITY METER

**Model : CD-4301**

*ISO-9001, CE, IEC1010*



**LUTRON ELECTRONIC**

*The Art of Measurement*

# Model : CD-4301

## FEATURES

- \* The portable conductivity meter provides fast, accurate readings, with digital readability and the convenience of a remote probe separately.
- \* Multi-measuring ranges: 199.9 uS, 1.999 mS, 19.99 mS.
- \* DATA HOLD function for stored the desired value on display.
- \* Large LCD display for low power consumption & clear read-out even in bright ambient light condition.
- \* Used the durable, long-lasting components, including a strong, light weight ABS-plastic housing case.
- \* Compact size, designed for easy carry out & operation.
- \* Built-in low battery indicator.
- \* Wide applications: water contioning, aquariums, beverage, fish hatcheries, food processing, photography, laboratory, paper industry, plating industry, quality control, school & college, water conditioning.

## GENERAL SPECIFICATIONS

Display	18 mm (0.7") LCD, 3 1/2 digits., 3 1/2 digits, max. display 1999.
Measurement & Range	199.9 uS, 1.999 mS, 19.99 mS, Data Hold. <i>* Build in 199.9 mS range, it only for reference, not specify the accuracy.</i>
Resolution	0.1 uS for 199.9 uS range. 0.001 mS for 1.999 mS range. 0.01 mS for 19.99 mS range. <i>* uS : micro Simens, mS : milli-Simens</i>
Accuracy ( 23 5 级 )	± ( 2% F.S. + 1 d ) <i>* F. S. - Full scale</i>
Over Range Indicator	Display shows '1'.
Sampling Time	Approx. 0.4 second.
Temp. Compensation	Automatic, 0 to 50 °C (32 to 122 °F).
Operating Temp.	0 to 50 °C ( 32 to 122 °F ).
Operating Humidity	Max. 80% RH.
Power Supply	006P DC 9V battery(heavy duty type).
Power Current	Approx. DC 5 mA.
Weight	340 g/0.75 LB(w/battery & electrode).
Dimension	168 x 80 x 35mm (6.6 x 3.2 x 1.2 inch).
Electrode Size	Round, 22 mm Dia. x 120 mm length.
Accessories Included	Instruction Manual..... 1 PC. Conductivity electrode..... 1 PC. Carrying Case..... 1 PC.
Calibtraion Solution	Optional, 1.413 mS calibration solution, CD-14.

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

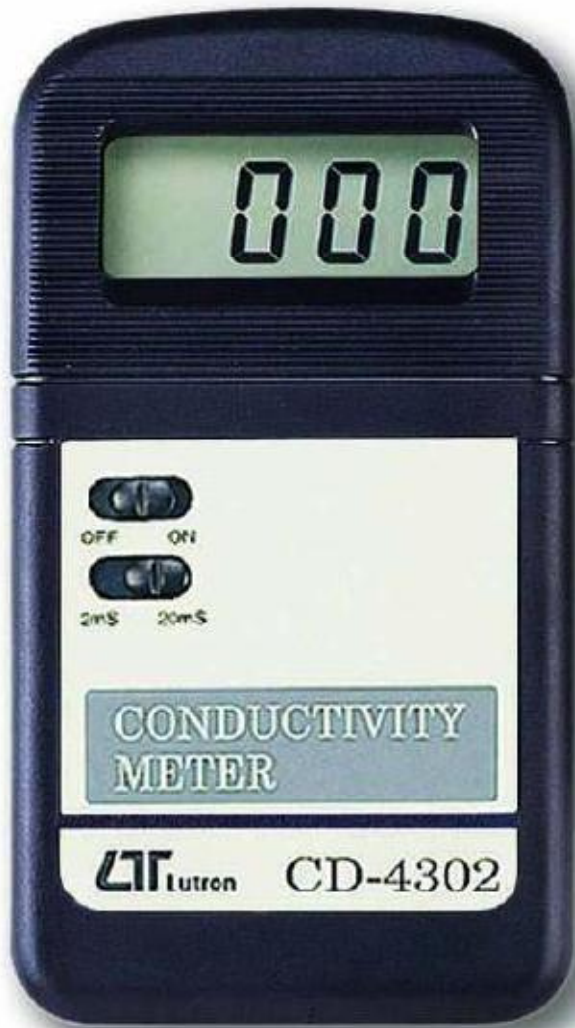
0702-CD4301

**2 mS/20 mS**

# CONDUCTIVITY METER

**Model : CD-4302**

*ISO-9001, CE, IEC1010*



**LUTRON ELECTRONIC**

***The Art of Measurement***

## Model : CD-4302

### FEATURES

- \* Pocket size, easy to carry out.
- \* Separate electrode, easy operation.
- \* The portable conductivity meter provides fast, accurate readings, with digital readability and the convenience of a remote probe separately.
- \* Multi measuring ranges: 1.999 mS, 19.99 mS.
- \* LCD display for low power consumption & clear read-out even in bright ambient light condition.
- \* Used the durable, long-lasting components, including a strong, light weight ABS-plastic housing case.
- \* Built-in Low battery indicator.
- \* Wide applications: water conditioning, aquariums, beverage, fish hatcheries, food processing, photography, laboratory, paper industry, plating industry, quality control, school & college.

### SPECIFICATION

Display	13 mm (0.5") LCD, 3 1/2 digits. 3 1/2 digits, max. display 1999.
Measurement & Range	2 ranges, 1.999 mS, 19.99 mS.
Resolution	0.001 mS for 1.999 mS range. 0.01 mS for 19.99 mS range. * mS - milli Simens
Accuracy ( 23 5 $\frac{mS}{mS}$ )	$\pm ( 2\% \text{ F.S.} + 1 \text{ d} )$ * F.S. - Full scale
Sampling Time	Approx. 0.4 second.
Over Range Indicator	Display shows " 1 ".
Temperature Compensation	Automatic, 0 to 50 °C (32 to 122 °F).
Operating Temp.	0 to 50 °C (32 to 122 °F).
Operating Humidity	Max. 80% RH.
Power Supply	DC 9V battery ( heavy duty type ). 006P, MN1604(PP3) or equivalent.
Power Current	Approx. DC 5 mA.
Weight	220 g/0.48 LB ( w/battery & electrode ).
Dimension	<i>Meter :</i> 131 x 70 x 25 mm ( 5.2 x 2.8 x 1.0 inch ). <i>Electrode :</i> Round, 22 mm Dia. x 120 mm length.
Accessories Included	Instruction Manual..... 1 PC. Conductivity electrode..... 1 PC.
Optional Accessories	1.413 mS calibration solution..... CD-14 Carrying Case..... CA-03

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## The Ultimate in HANNA Combination Testers!

HI 98129 and HI 98130 are waterproof testers that offer high accuracy pH, EC/TDS and temperature measurements in a single tester! No more switching between meters for your routine measurements. These floating, waterproof testers have a large easy-to-read, dual-level LCD and automatic shut-off. pH and EC/TDS readings are automatically temperature compensated (ATC).

These technologically advanced testers have a replaceable pH electrode cartridge with an extendable cloth junction as well as, an EC/TDS graphite electrode that resists contamination by salts and other substances. This gives these meters an extended life. Your tester no longer needs to be thrown away when the pH sensor is exhausted.

The EC/TDS conversion factor is user selectable as well as the temperature compensation coefficient ( $\beta$ ).

Fast, efficient, accurate and portable, the Combo pH, EC/TDS and temperature tester brings you all the features you've asked for and more!

### Replaceable pH electrode cartridge

The Combo features an easy-to-replace pH electrode and has an extendable cloth junction. The sturdy, snap-in connector means there are no pins to bend or break.



### High accuracy

The graphite conductivity electrode provides greater accuracy because it cannot be contaminated by salt deposits in the solution. The exposed temperature sensor provides fast response times, and guarantees accurate temperature compensated readings.



### On-screen Battery Life

LCD indicates the percentage of battery power remaining upon startup.



### Standard or N.I.S.T Buffer Calibration

Auto calibration is performed with 2 sets of memorized buffers for greater accuracy.



### Adjustable TDS Ratio

For measurement accuracy, users can choose between different conductivity to TDS conversion factors.



## HI 98129 • HI 98130 pH/Conductivity/TDS Testers

Waterproof and Designed to Float



### SPECIFICATIONS

	HI 98129	HI 98130
Range	pH	0.00 to 14.00 pH
	EC	0 to 3999 $\mu$ S/cm
	TDS	0 to 2000 ppm
	Temperature	0.0 to 60.0°C / 32.0 to 140.0°F
Resolution	pH	0.01 pH
	EC	1 $\mu$ S/cm
	TDS	1 ppm
	Temperature	0.1°C / 0.1°F
Accuracy (@20°C)	pH	$\pm$ 0.05 pH
	EC / TDS	$\pm$ 2% F.S.
	Temperature	$\pm$ 0.5°C / $\pm$ 1°F
Temperature Compensation	pH: automatic; EC/TDS: automatic with $\beta$ adjustable from 0.0 to 2.4% / °C automatic, 1 or 2 points with 2 sets of standard buffers (pH 4.01 / 7.01 / 10.01 or 4.01 / 6.86 / 9.18)	
Calibration	pH	automatic, 1 point at 1413 $\mu$ S/cm or 1382 ppm
TDS Conversion Factor	adjustable, from 0.45 to 1.00	
pH Electrode	HI 73127 (replaceable; included)	
Environment	0 to 50°C (32 to 122°F); RH max 100%	
Battery Type / Life	(4) 1.5V / approx. 100 hours of continuous use, auto-off after 8 minutes of non-use	
Dimensions/Weight	163 x 40 x 26 mm (6.4 x 1.6 x 1.0")/100 g (3.5 oz.)	

### ORDERING INFORMATION

HI 98129 (Combo) and HI 98130 (Combo) are supplied with 1.5V batteries (4), HI 73127 pH electrode and HI 73128 electrode removal tool.

### ELECTRODES

HI 73127 Spare pH electrode for (Combo)

### SOLUTIONS

- HI 70004P pH 4.01 buffer solution, 20 mL sachets (25)
- HI 70006P pH 6.86 buffer solution, 20 mL sachets (25)
- HI 70007P pH 7.01 buffer solution, 20 mL sachets (25)
- HI 70009P pH 9.18 buffer solution, 20 mL sachets (25)

- HI 70010P pH 10.01 buffer solution, 20 mL sachets (25)
- HI 70030P 12.88 mS/cm buffer solution, 20 mL sachets (25)
- HI 70031P 1413  $\mu$ S/cm buffer solution, 20 mL sachets (25)
- HI 70032P 1382 ppm buffer solution, 20 mL sachets (25)
- HI 70038P 6.44 ppt buffer solution, 20 mL sachets (25)
- HI 70442P 1500 ppm buffer solution, 20 mL sachets (25)
- HI 70300M Electrode storage solution, 250 mL
- HI 7061M Electrode cleaning solution, 250 mL
- ACCESSORIES
- HI 73128 Electrode removal tool