

*ATC, two display with Temp. , TDS, economical type  
2,000 uS, 20 mS, 100 mS, 3 internal ranges with auto range*

# CONDUCTIVITY METER

**Model : CD-4322E**

**ISO-9001, CE, IEC1010**



**Lutron**

**LUTRON ELECTRONIC**

***The Art of Measurement***

2,000 uS, 20 mS, 100 mS, auto calibration, auto range

# CONDUCTIVITY METER

Model : CD-4322E

## FEATURES

* 3 measurement range, 2,000 uS, 20 mS, 100 mS with auto range.
* Separate probe, easy for operation of different measurement environment.
* Automatic temperature compensation range : 0 to 50 °C.
* Carbon rod electrode for long life.
* Innovative feature with built-in automatic temperature compensation factor adjustable between 0 to 5.0% per °C.
* Selecting " 0% per °C " of Temp. Coefficient Adjust, allows you to take uncompensated conductivity readings ( absolute conductivity measurement ).
* Microprocessor circuit assures high accuracy and provides special functions and features.
* Multi-display, show Conductivity and Temp. value at the same time.
* Data hold function for freezing the desired value.
* Records max. and min. value with recall.
* Build in temperature °C, °F measurement with default.
* Power function can default to auto off or manual off.
* Use the durable, long-lasting components, including a heavy duty & compact ABS-plastic housing case.
* Applications for Aquarium, Medical research, Agriculture, Fish hatcheries, Laboratory, Water conditioning, Mining industry, Schools & Colleges, Quality control... industry, quality control, school & college, water conditioning.

## SPECIFICATIONS

Display	LCD size : 44 mm x 29 mm. Dual function LCD
Circuit	Custom one-chip of microprocessor LSI circuit.
Function	Conductivity, TDS.
Ranges and Resolution	<i>Conductivity range :</i> 2000 uS/20.00 mS/100 mS. <i>Conductivity resolution :</i> 1 uS/0.01 mS/0.1 mS. <i>TDS range :</i> 1200 ppm/12,000 ppm/66,000 ppm. <i>TDS resolution :</i> 1 ppm/10 ppm/100 ppm.
Accuracy	± ( 2% FS + 1 d ) * 23 ± 5 °C * FS : full scale
Temperature Compensation	Automatic from 0 to 50 °C (32 - 122 °F), with temperature compensation factor variable between 0 to 5.0% per C.
Conductivity Probe Structure	Carbon rod electrode for long life.
Memory Recall	Records Maximum, Minimum readings with recall.
Power off	Auto power off saves battery life, or manual off by push button. * Auto power off : Power will off automatically after 10 min., if no button be pressed.
Data Hold	Freeze the display reading.
Sampling Time of display	Approx. 1 second.

Operating Temperature	0 to 50 °C .
Operating Humidity	Less than 80% RH.
Power Supply	006P DC 9V battery ( Alkaline or Heavy duty type ).
Power Current	Approx. DC 5.7 mA.
Weight	295 g/0.65 LB.
Dimension	<i>Main instrument :</i> 135 x 60 x 33 mm. <i>Conductivity Probe :</i> Round, 22 mm Dia. x 120 mm length.
Accessories Included	Conductivity probe.....1 PC. Operation manual.....1 PC.
Optional Accessories	* 1.413 mS Conductivity Standard Solution..... CD-14 * Soft carrying case.....CA-05A

## OPTIONAL ACCESSORIES

Carrying case CA-06	Hard carrying case. ( 280 x 195 x 65 mm ) 
Carrying case CA-05A	Soft carrying case with sash ( 260 x 110 x 55 mm ) 
1.413 mS Conductivity Standard Solution CD-14	

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

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