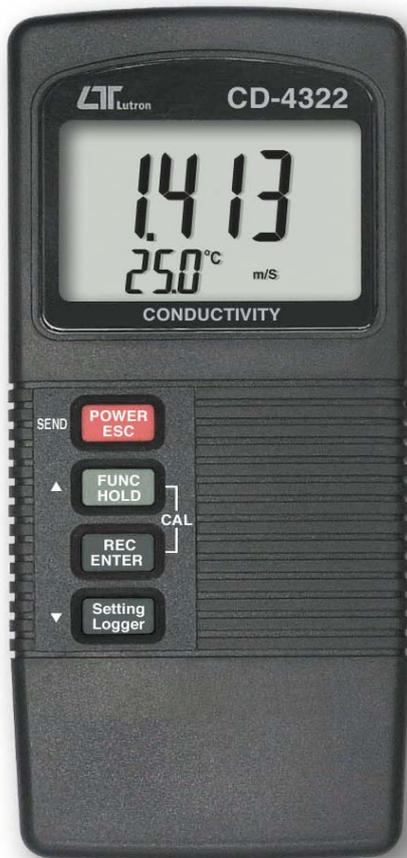*ATC, two display with Temp. measurement*

CONDUCTIVITY METER
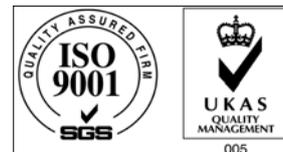
Model : CD-4322 *ISO-9001, CE, IEC1010*

FEATURES

* 2 ranges : 2 mS, 20 mS
* Temp. measurement, ℃/℉.
* LCD display, pocket type.
* Automatic temperature compensation.
* Data logger.
* Separate probe, easy operation.
* RS-232 computer interface.
* Record (max., min.)
* DC 9V battery (006P) or DC 9V adapter in.

LUTRON ELECTRONIC

The Art of Measurement

1,600 point data logger, RS232, AC/DC adapter
2,000 uS 20 mS, auto calibration

CONDUCTIVITY METER
Model : CD-4322

FEATURES

* Measurement range, 2,000 uS, 20 mS, auto range.
* Separate probe, easy for operation of different measurement environment.
* Automatic temperature compensation range : 0 to 50 ℃.
* Carbon rod electrode for long life.
* Innovative feature with built-in automatic temperature compensation factor adjustable between 0 to 5.0% per ℃.
* Selecting " 0% per ℃ " 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 ℃,℉ measurement with default.
* Manual and auto data logger, with flexible sampling time selection, can save max. 1,600 reading data.
* Power function can default to auto off or manual off.
* Build in the input socket for DC 9V power adapter.
* Use the durable, long-lasting components, including a heavy duty & compact ABS-plastic housing case.
* RS232 PC serial interface.
* 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.
Ranges	2000 uS, 20.00 mS ** two ranges* ** auto range*
Temperature Compensation	Automatic from 0 to 50 ℃ (32 - 122 ℉), 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 Output	RS 232 PC serial interface.
Sampling Time of Data Logger	Manual — Push the data logger button once will save data one time. ** Set sampling time to 0 second.*
	Auto — 1, 2, 5, 10, 30, 60, 600, 1800, 3600 seconds.
Data Logger number	Max. 1,600-point Data logger
Data Hold	Freeze the display reading.
Sampling Time of display	Approx. 1 second.
Data Output	RS 232 PC serial interface.
Operating Temperature	0 to 50 ℃.
Operating Humidity	Less than 80% RH.
Power Supply	006P DC 9V battery (Alkaline or Heavy duty type) or DC 9V adapter input. ** AC/DC power adapter is optional.*
Power Current	Approx. DC 5.7 mA.
Weight	295 g/0.65 LB. ** Include probe and battery.*
Dimension	*Main instrument :* 135 x 60 x 33 mm. *Conductivity Probe :* Round, 22 mm Dia. x 120 mm length.

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

Accessories Included	Conductivity probe........................... 1 PC. Operation manual.............................. 1 PC.	
Optional Accessories	* 1.413 mS Conductivity Standard Solution...............................CD-14 * RS232 cable........................UPCB-02 * USB cable...........................USB-01 * Data Acquisition software..... SW-U801-WIN * Data logger software............SW-DL2005 * Hard carrying case...............CA-06 * Soft carrying case................CA-05A * AC to DC 9V adapter	

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	
RS232 cable UPCB-02	* Isolated RS232 cable. * Used to connect the meter to the computer
RS232 cable USB-01	* USB Computer interface cable. * Isolated USB cable.
Data Logger software SW-DL2005	* Software the used to download the data logger (data recorder) from the meter to computer.
Data Acquisition software SW-U801-WIN	* The SW-U801-WIN is a multi displays (1/2/4/6/8 displays) powerful application software, provides the functions of data logging system, text display, angular display, chart display, data recorder high/low limit, data query, text report, chart report.. .xxx.mdb data file can be retrieved for EXCEL, ACESS.., wide intelligent applications.
Power adapter	AC 110V to DC 9V, USA plug. AC 220V/230V to DC 9V. Germany plug.

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