

CODUCTIVITY/TDS METER

Model : YK-22CT

ISO-9001, CE, IEC1010

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02-2389-0101



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The Art of Measurement

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FEATURE

- ✓ 2 in 1, professional Conductivity and TDS (Total Dissolved Solids) Meters.
- ✓ Conductivity/TDS meter use carbon rod electrode for long life, separte pobe convenient for remote measurement.
- ✓ Conductivity meter is included two ranges : 2 mS, 20 mS. TDS meter is with 2 ranges : 2,000 PPM, 20,000 PPM.
- ✓ Temperature measurement range is 0 - 60 °C / 32 - 140°F
- ✓ Microprocessor circuit, intelligent function.
- ✓ Records Maximum and Minimum readings with recall.
- ✓ * Conductivity/TDS meter build in automatic temperature compensation circuit, adjustable between 0 to 5.0% per °C.
- ✓ Data hold.
- ✓ Auto shut off saves battery life.
- ✓ RS 232 PC serial interface.
- ✓ Temperature function with °C & °F display unit.

GENERAL SPECIFICATION

Circuit	Custom one-chip of microprocessor LSI circuit.
Display	51 mm x 32 mm, dual function LCD display 15 mm (0.6") digit size. dual function LCD display,
Measurement	* Conductivity * TDS (Total Dissolved Soloids) * Temp. (sensing from CD/TDS probe)
Memory Recall	Records Maximum and Minimum readings with recall.
Data hold	Hold the reading value on the display.
Power off	Auto shut off saves battery life, or manual off by push button.
Data Output	RS 232 computer serial interface.
Overload indication	"----" symbol on the display.
Operating Temperature	0 to 50 °C - main instrument. 0 to 60 °C - Conductivity/CT probe only.
Sampling Time	Approx. 0.8 second.
Operating Humidity	Max. 80% RH.
Power Supply	006P DC 9V battery (Alkaline or Heavy duty type).
Power Current	Approx. DC 6.0 mA. Approx. DC 4.2 mA.
Weight	210 g/0.46 LB (meter only). 290 g/0.64 LB (meter and probe).
Dimension	<i>Mian meter</i> : 195 x 68 x 30 mm (7.6 x 2.6 x 1.2 inch). <i>Conductivity/TDS probe</i> : Round, 22 mm Dia. x 120 mm length.
Accessories included	Conductivity/TDS probe, YK-200PCT.. 1 PC. Operation manual. 1 PC. Carrying case, CA-06. 1 PC.
Optional Accessories	1.413 mS Conductivity Standard Solution. CD-14 RS232 cable,..... UPCB-02 USB cable,.....USB-01 Application Software. SW-U801-WIN

ELECTRICAL SPECIFICATIONS (23± 5 °C)

* Conductivity/TDS meter specifications			
<i>Measurement</i>	<i>Range</i>	<i>Resolution</i>	<i>Accuracy</i>
Conductivity	2 mS (0 to 2,000 mS)	0.001 mS	± (3 % F.S. + 1 d) * F.S. - Full scale * mS - milli Simens * PPM - parts per million
	20 mS (2 to 20.00 mS)	0.01 mS	
TDS	2,000 PPM (0 to 1,320 PPM)	1 PPM	
	20,000 PPM (1,320 to 13,200 PPM)	10 PPM	
Temperature	0 °C to 60 °C	0.1 °C	± 0.8 °C
	32 °F to 140 °F	0.1 °F	± 0.8 °C
<p><i>* Temperature Compensation :</i> Automatic from 0 to 60 °C (32 - 140 °F), with temperature compensation factor variable between 0 to 5.0% per C.</p> <p><i>* mS - milli Simens</i> <i>* mS - milli Simens</i> <i>* PPM - parts per million</i></p>			

APPLICATIONS

* AQUARIUMS	* FOOD PROCESSING	* PAPER INDUSTRY	* SCHOOLS & COLLEGES
* BEVERAGE	* PHOTOGRAPHY	* PLATING INDUSTRY	* SWIMMING POOLS
* FISH HATCHERIES	* LABORATORY	* QUALITY CONTROL	* WATER CONDITIONING

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

YK-22CT+1008

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