Economical Conductivity/TDS Meter with RS232 Output

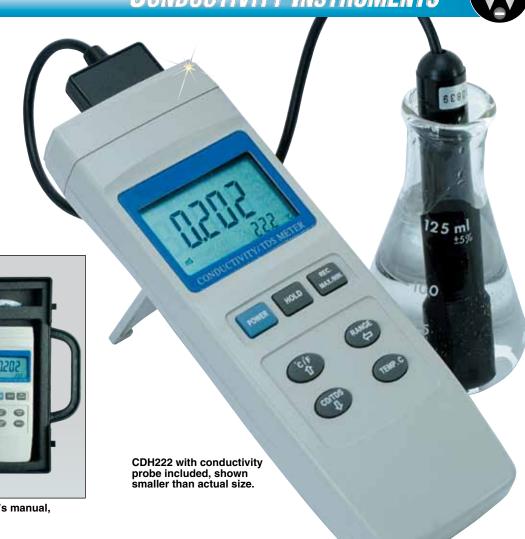**CDH221**

±1 YEAR WARRANTY   C E   RoHS

✔ **Economical**
✔ **Easy to Operate**
✔ **Splashproof Front**
✔ **RS232 Output Standard on CDH222**

The CDH221 and CDH222 are ideal for quality control, agricultural, water conditioning, beverage, fish hatcheries, laboratory, universities, and many other industrial applications. These microprocessor-based digital meters are rugged, portable units that can recognize and compensate for electrode offset and slope. The CDH222 also has an RS232 output. Other features of the CDH222 include °C/°F selection, auto shut-off, and TDS measurement. Overload indication and data hold are standard on both units.

CDH221 with conductivity probe included shown smaller than actual size.

SPECIFICATIONS		
Models	**CDH221**	**CDH222**
Display	51 x 32 mm (2.00 x 1.25") LCD, 21.5 mm (0.8") digits	51 x 32 mm (2.00 x 1.25"), dual-function LCD, 15 mm (0.6") digits
Measurement	Conductivity	Conductivity/TDS/temperature
Ranges/Resolution/Accuracy		
Conductivity	2 mS: 0.2 to 2.0 mS/0.001 mS/±(3% FS +1d) 20 mS: 2 to 20.0 mS/0.01 mS/±(3% FS +1d)	
TDS	—	2000 ppm: 132 to 1320 ppm/1 ppm/±(3% FS +1d) 20,000 ppm: 1320 to 13200 ppm/10 ppm/±(3% FS +1d)
Temperature °C (°F)	—	0 to 60 (32 to 140)/0.1/±0.8 (1.5)
Temperature Compensation °C (°F)	0 to 50 (32 to 122)	0 to 60 (32 to 140)
Data Output	—	RS232
Data Hold	Yes	
Sampling Time	Approximately 0.4 s	Approxroximately 0.4 s
Operating Temperature °C (°F)	0 to 50 (32 to 122)	
Operating Humidity	Less than 80%	
Memory Recall	Maximum/Minimum	
Power Supply	9 V battery (included)	
Dimensions (H x W x D)	200 x 68 x 30 mm (7.9 x 2.7 x 1.2")	195 x 68 x 30 mm (7.6 x 2.7 x 1.2")
Weight of Meter and Probe	270 g (0.6 lb)	290 g (0.64 lb)
Probe Specifications		
Probe Connections	4-pin connector	Plug-and-play socket
Temperature °C (°F)	0 to 60 (32 to 140) (CDE221/CDE222)	
Dimensions	22 Dia. x 120 mm L with 1.06 m (3.5') cable (CDE220/CDE221)	