



Economical Conductivity/TDS Meter with RS232 Output

CDH221



- ✓ 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)	



CDH222 comes with complete operator's manual, conductivity probe and carrying case.



CDH222 with conductivity probe included, shown smaller than actual size.

To Order	
Model No.	Description
CDH221	Conductivity meter with probe
CDH222	Conductivity/TDS/temperature meter with RS232 output, probe and carrying case

Accessories

Model No.	Description
CDE221	Replacement conductivity probe for CDH221
CDE222	Replacement conductivity/TDS/temperature probe for CDH222
SWCABLE	Cable and software for RS232
MN1604	Replacement 9V battery
CDSA-1500	1500 μ S conductivity standard
CDSA-4500	4500 μ S conductivity standard
CDSA-1413	1413 μ S conductivity standard

Units come with 9V battery and complete operator's manual.

Ordering Examples: **CDH221**, conductivity meter. **CDH222**, conductivity/TDS/temperature meter and **SWCABLE**, cable and software for RS232.