

Portable pH, ORP, Conductivity, TDS, Salt and Temperature Meter

CDS107 Series



- Splashproof Cover
- Microprocessor Based
- Large LCD Display
- Stores up to Data 150 Points
- Simple to Calibrate

The CDS107 is a microprocessor based multi-purpose meter. The meter can be used as a benchtop or handheld meter to measure pH, ORP, conductivity, total dissolved solids, salt and temperature. Features include automatic temperature and altitude compensation with the ability to manually adjust the salinity compensation. Additionally the meter has auto shut-off to save battery life, a minimum/maximum function and data storage.

SPECIFICATIONS

Power: 9V battery or AC adaptor

Dimensions: 76 W x 114 L x 32 mm D (3 x 4.5 x 1.25")

Weight: 260 g (9.17 oz)



	pH	ORP	Temperature
Range	-2.00 to 16.00 pH	-1999 to -200 mV -199.9 to 499.9 mV 500 to 2000 mV	0 to 110°C
Accuracy	±0.01 + 1 digit	±2 + 1 digit	±0.2 + 1 digit
Resolution	0.01 pH	0.1/1 mV	0.1°C
Compensation	ATC: 0 to 100°C	N/A	—
	Conductivity	TDS	Salt
Range	0.0 to 199.9µS 200 to 1999µS 2.00 to 19.99 mS 20.0 to 100.0 mS	0.0 to 131.9 ppm 132 to 1319 ppm 1.32 to 13.19 ppt 13.2 to 66.0 ppt	0.0 to 99.9 ppm 100 to 999 ppm 1.00 to 9.99 ppt 10.0 to 50.0 ppt
Accuracy	±2% FS	±2% FS	±2% FS
Resolution	0.1/1µS/0.01/0.1 mS	0.1/1 ppm/0.01/0.1 ppt	0.1/1 ppm/0.01/0.1 ppt
Compensation	ATC: 0 to 50°C	ATC: 0 to 50°C	ATC: 0 to 50°C

To Order	
Model No.	Description
CDS107	Benchtop/handheld meter for pH, ORP, conductivity, TDS, salt and temperature
CDS100-PS	Replacement 120 Vac power supply
CDSB100-CDE	Replacement conductivity cell
PHE-1411	General purpose for samples requiring double junction, BNC connector
PHA-4	4.01 pH buffer solution 500 ml (1 pint) bottle
PHA-7	7.00 pH buffer solution 500 ml (1 pint) bottle
PHA-10	10.01 pH buffer solution 500 ml (1 pint) bottle
CDSA-10	10 µmho/cm conductivity solution, 1 quart
CDSA-1413	1413 µmho/cm conductivity solution, 1 quart
CDSA-1500	1500 µmho/cm conductivity solution, 1 quart
CDSA-45000	45000 µmho/cm conductivity solution, 1 quart

Comes complete with 9V batteries, AC adaptor, conductivity probe, pH probe, temperature probe, cal solutions, neck strap, carrying case and operator's manual. ORP probes sold separately.

Ordering Example: CDS107, benchtop/handheld meter for pH, ORP, conductivity, TDS, salt and temperature.