

PORTABLE WATER QUALITY METER 9871X SERIES SINGLE MEASUREMENT



ATC	Pt cell	Pt cell	Galvanic	Galvanic	Glass bulb	ATC
Con 209 Temp 238°C	ORP 450 Temp 185°C	pH 7.00 Temp 250°C	DO 1005 Temp 258°C	DO 602 Temp 185°C	SAL 70 Temp 160°C	EC 300 Temp 130°C

- General purpose water quality measurement with single input or temperature sensor plug.
- Cost effective with deluxe blow carrying case, portable around and convenient storage.
- Professional look design accurate portable meters with large LCD display ,BNC connector.
- Hold function, battery capacity indicator , automatic power off in 15 minutes and may disable.
- Built-in temperature compensation sensor 10KΩ, other temperature sensor OEM is available.
- Automatically / Manually adjust by pressing buttons to get accurate reading
- RFS(Recover to Factory Setting) function is included. pH 4.10 slope check electrode aging .
- pH 3 calibration points : 4.01 , 7 , 10.01 (Adjustable).
- Conductivity calibration: 1413uS/cm(K=1) or 12.88mS/cm(K=10) .Calibration solution is included.
- Conductivity electrode convert to TDS and Salinity readings , conversion factor from 0.4 to 1.0.
- Conductivity cell constant (K) selectable: 0.1 (Super clean water), 1.0 (Fresh water), 10(Sea water)
- DO calibration 100% air calibration , and zero calibration without electrode
- Selectable DO probes (Galvanic or Polarographic) type, with 3M cable, membrane cap, electrolyte.
- Manually Salinity (0~50ppt) and Pressure(300~1100hpa) compensation for DO measurement

Option temperature probe/meter for manually temperature compensation



Option:

- A 3.5mm dia phonejack temperature probe plug onto the meter, automatically compensate for accurate readings. (Model:997XT)
- Pen type temperature meter with needle probe (0~200C) shows temperature, manually enter value to compensate for accurate readings. (Model: 98810) . This is for electrode without ATC function purposes and simply check water temperature for entering temperature value for compensation if required.

STANDARD PACKING SUPPLIED:

- 9871X complete kit: Meter, electrode, batteries AAA x3pcs, manual, carrying case. Calibration buffer (ORP excluded), soaking buffer (Cond. excluded) .

Single measurement	Model	Electrode body	Temp. compensation	Sensor type
pH meter	98716G	PC	N/A	Glass bulb
	98716GT	PC	ATC NTC10K ohm	Glass bulb
	98716AT	Epoxy	ATC NTC10K ohm	Flat tip
Conductivity meter	98717G	Glass	K=1. N/A	Platinum disc
	98717A	ABS	K=1. N/A	Graphite plate
Cond/TDS/Salt meter	98717GT	Glass	ATC NTC10K ohm, K=1	Platinum disc
	98717AT	ABS	ATC NTC10K ohm, K=1	Graphite plate
ORP meter	98718PP	PC	N/A	Platinum pin
	98718PB	Glass	N/A	Platinum band
DO meter	98719GT	ABS	ATC NTC10K ohm	Galvanic
	98719PT	ABS	ATC NTC 10K ohm	Polarographic