

20

th anniversary
of

Advanced
Digital
Water
Analysis



2018

PROFESSIONAL INSTRUMENTS FOR WATER & LAB ANALYSIS

Consistency, Reliability,
Durability and Performance



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فروشگاه ایران صنعت



AD331

Professional Waterproof Conductivity-Temparature Portable Meter with GLP

AD331 is a waterproof portable meter that reads Conductivity in 5 ranges and temperature.

The auto ranging feature of the EC range automatically sets the instrument to the scale with the highest resolution.

Measurements are compensated for temperature effect automatically (ATC) or manually (MTC). It is also possible to disable the temperature compensation feature to measure the actual conductivity. The temperature coefficient is user selectable. This instrument also features a measurement stability indicator, GLP capability, and a user selectable ID code to uniquely identify the instrument.

AD331	
Range	0.00 to 19.99 $\mu\text{S}/\text{cm}$ 0.0 to 199.9 $\mu\text{S}/\text{cm}$ 0 to 1999 $\mu\text{S}/\text{cm}$ 0.00 to 19.99 mS/cm 0.0 to 199.9 mS/cm -9.9 to 120.0 $^{\circ}\text{C}$
Resolution	0.01 / 0.1 / 1 $\mu\text{S}/\text{cm}$ 0.01 / 0.1 mS/cm 0.1 $^{\circ}\text{C}$
Accuracy (at 25°C/77°F)	$\pm 1\%$ f.s. ± 0.5 $^{\circ}\text{C}$
EC Calibration	Offset 0.0 $\mu\text{S}/\text{cm}$; Slope: 1 point with 6 memorized standards (84.0, 1413 $\mu\text{S}/\text{cm}$; 5.00, 12.88, 80.0, 111.8 mS/cm) or one custom value
Temperature calibration	User offset adjustment $\pm 1^{\circ}\text{C}$
Temperature	ATC / MTC from -9.9 to 120°C Compensation
Temperature coefficient	0.0 to 10.0 %/ $^{\circ}\text{C}$
Reference temperature	Selectable from 15.0 to 30.0 $^{\circ}\text{C}$
Probe	4-ring EC probe (K=1) with built-in NTC10K temperature sensor
Memory	250 samples on demand with time stamp
GLP	Yes with time stamp
Hold function	yes (auto)
Low battery indication	yes
Auto shutoff	yes
Power supply	4 x 1.5V AA batteries



Supplied with: AD76309 conductivity probe with built-in temperature sensor, calibration solutions in sachets (1413 $\mu\text{S}/\text{cm}$ and 12,88 mS/cm , 20 ml each), 1.5V AA alkaline battery (4 pcs) and user manual.

AD330 - AD332

Professional Waterproof Conductivity-TDS-Temparature Portable Meter with RS232 interface & GLP

AD330 and AD332 are waterproof portable meters that read TDS and Conductivity in 5 ranges and temperature.

The auto ranging feature of the EC and TDS ranges automatically sets the instrument to the scale with the highest resolution. Measurements are compensated for temperature effect automatically (ATC) or manually (MTC). It is also possible to disable the temperature compensation feature to measure the actual conductivity.

The temperature coefficient is user selectable. These instruments also features a measurement stability indicator, GLP capability, and a user selectable ID code to uniquely identify the instrument.

Moreover, AD332 includes PC interface and printing function. Connect the meter to an external serial printer with the following printer specifications:

- at least 16 characters / line
- baud rate 9600
- 9-pin RS232 input

AD330, AD332	
Range	0.00 to 19.99 $\mu\text{S}/\text{cm}$ / 0.00 to 10.00 ppm 0.0 to 199.9 $\mu\text{S}/\text{cm}$ / 0.0 to 100.0 ppm 0 to 1999 $\mu\text{S}/\text{cm}$ / 0 to 1000 ppm 0.00 to 19.99 mS/cm / 0.00 to 10.00 ppt 0.0 to 199.9 mS/cm / 0.0 to 100.0 ppt -9.9 to 120.0 $^{\circ}\text{C}$
Resolution	0.01 / 0.1 / 1 $\mu\text{S}/\text{cm}$; ppm 0.01 / 0.1 mS/cm ; ppt 0.1 $^{\circ}\text{C}$
Accuracy (at 25°C/77°F)	$\pm 1\%$ f.s. ± 0.5 $^{\circ}\text{C}$
EC calibration	Offset: 0.0 $\mu\text{S}/\text{cm}$; Slope: 1 point with 6 memorized standards (84.0, 1413 $\mu\text{S}/\text{cm}$; 5.00, 12.88, 80.0, 111.8 mS/cm)
Tempreture calibration	User offset adjustment $\pm 1^{\circ}\text{C}$
Temperature compensation	ATC / MTC from -9.9 to 120°C
Temperature coefficient	0.0 to 10.0 %/ $^{\circ}\text{C}$
Reference temperature	Selectable from 15.0 to 30.0 $^{\circ}\text{C}$
TDS factor	0.4 to 1.0
Probe	4-ring EC probe (K=1) with built-in NTC10K temperature sensor
Memory	250 samples on demand with time stamp (only AD332)
GLP	Yes with time stamp
Printer	External through RS232 (only AD332)
Hold function	yes (auto)
Low battery indication	yes
Auto shutoff	yes
PC Interface	RS232 for PC software and External Printer (only AD332)
Power supply	4 x 1.5V AA batteries



Supplied with: AD76309 conductivity probe with built-in temperature sensor, calibration solutions in sachets (1413 $\mu\text{S}/\text{cm}$ and 12,88 mS/cm , 20 ml each), 1.5V AA alkaline battery (4 pcs) and user manual and only for AD332: AD9551 serial communication cable.