

AD3000 Professional Conductivity-TDS

TEMP Bench Meter with GLP

AD3000 is a microprocessor-based conductivity, TDS and temperature meter.

The autoranging 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)

with the conductivity probe with built-in temperature sensor.

It is also possible to disable the temperature compensation and measure the actual conductivity.

The temperature coefficient is user selectable.

The instrument is equipped with a stability indicator, to indicate when measurement is to be recorded.

AD3000 includes also GLP capability. In addition, the meter allows the user to enter an ID code to uniquely identify the instrument.



AD 3000	AD 3000
Range	0.00 to 19.99 $\mu\text{S}/\text{cm}$; 0.00 to 9.99 ppm 20.0 to 199.9 $\mu\text{S}/\text{cm}$; 10.0 to 99.9 ppm 200 to 1999 $\mu\text{S}/\text{cm}$; 100 to 999 ppm 2.00 to 19.99 mS/cm ; 1.00 to 9.99 ppt 20.0 to 199.9 mS/cm ; 10.0 to 99.9 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 (@20 $^{\circ}\text{C}/68^{\circ}\text{F}$)	$\pm 1\%$ f.e. (EC/TDS) (@20 $^{\circ}\text{C}/68^{\circ}\text{F}$) $\pm 0.5^{\circ}\text{C}$
EC Calibration	Offset at 0.00 $\mu\text{S}/\text{cm}$ Slope: 1 point with 6 memorized values (84.0, 1413 $\mu\text{S}/\text{cm}$; 5.00, 12.88, 80.0, 111.8 mS/cm) or with custom values

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