

Adwa

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.

	AD3000
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°C
Resolution	0.01, 0.1, 1 $\mu\text{S}/\text{cm}$; ppm 0.01, 0.1 mS/cm ; ppt 0.1°C
Accuracy (@20°C/68°F)	$\pm 1\%$ f.s. (EC/TDS) $\pm 0.5^\circ\text{C}$
EC Calibration	Offset at 0.00 $\mu\text{S}/\text{cm}$; Slope at 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 value
Temperature Compensation	Automatic or manual, -9.9 to 120.0°C
Temperature Coefficient	Selectable from 0.00 to 10.00% / °C
TDS Factor	Selectable from 0.40 to 1.00 (default value: 0.50)
Reference Temperature	Selectable from 15.0 to 30.0 °C
Log-on-demand	Up to 250 samples
Probe (included)	AD76309 EC probe with built-in temperature sensor
Power Supply	12V DC adapter