



AD8000

Professional Multi-Parameter pH-ORP-Conductivity-TDS-TEMP Bench Meter with GLP

AD8000 is a microprocessor-based pH, ORP, conductivity, TDS and temperature bench meter. Relative mV feature is also provided. The autoranging feature of the Conductivity and TDS ranges automatically sets the instrument to the scale with the highest resolution.

	AD8000
Range	-2.00 to 16.00 / -2.000 to 16.000 pH ±699.9 mV / ±2000 mV 0.00 to 19.99 µS/cm; 0.00 to 9.99 ppm 20.0 to 199.9 µS/cm; 10.0 to 99.9 ppm 200 to 1999 µS/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 (pH range) - 0.0 to 100.0°C (EC range)
Resolution	0.01 pH / 0.001 pH 0.1 mV (±699.9 mV) / 1 mV (±2000 mV) 0.01, 0.1, 1 µS/cm; ppm 0.01, 0.1 mS/cm; ppt 0.1°C
Accuracy (@20°C)	±0.01 pH / ±0.002 pH ±0.2 mV up to ±699.9 mV ±1 mV up to ±2000 mV ±1% f.s. (EC/TDS) ±0.5°C
Relative mV offset range	±2000mV
pH calibration	Up to 3 point calibration, 5 buffers available 1.68, 4.01, 6.86, 7.01, 9.18, 10.01, 12.45
EC Calibration	Offset at 0.00 µS/cm; Slope and 1 point with 6 memorized values (84.0, 1413 µS/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 (pH range) 0.0 to 100.0°C (EC range)
Temperature Coefficient (EC)	0.00 to 10.00% / °C (default 1.90% / °C)
TDS Factor	Selectable from 0.40 to 1.00 (default value: 0.50)
pH electrode	AD1131B (included)
EC probe	AD76309 (included) with built-in temperature sensor
Power supply	12V DC adapter