AD3000

Professional Multi-Parameter Conductivity-TDS-TEMPERATURE 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.

AD3000 is supplied complete with **A76309** conductivity probe with built-in temperature sensor and 1 m cable, 12 Vdc power adapter, calibration solutions in sachets (1413 µS/cm and 12,88 mS/cm, 20 ml each), and user manual.

	AD3000
Range	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
Resolution	0.01, 0.1, 1 µS/cm; ppm 0.01, 0.1 mS/cm; ppt 0.1°C
Accuracy (@20°C/68°F)	±1% f.s. (EC/TDS) (@20°C/68°F) ±0.5°C
EC Calibration	Offset at 0.00 µS/cm; Slope at 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

AD8000

Professional Multi-Parameter pH/ORP/Conductivity/TDS/TEMPERATURE 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 EC and TDS ranges automatically sets the instrument to the scale with the highest resolution. pH measurements are compensated for temperature effect automatically (ATC) using AD5006 temperature probe, while the EC readings can be compensated automatically (ATC) using the conductivity probe with built-in temperature sensor or manually (MTC). It is also possible to disable the temperature compensation and measure the actual conductivity. The temperature coefficient is user selectable. The pH calibration can be performed at 1, 2 or 3 points with five memorized buffers (pH 4.01, 6.86, 7.01, 9.18, 10.01). In addition, **AD8000** is provided with calibration timeout alarm, GLP feature to view last calibration data and automatic HOLD feature to freeze the first stable reading on the LCD.
AD8000 is supplied complete with A1131B refillable glass body pH electrode with BNC connector and 1 m cable, A76309 conductivity probe with built-in temperature sensor and 1 m cable, A7662 stainless steel temperature probe with 1 m cable, calibration solutions in satchets (pH4, pH7, 1413 µS/cm and 12,88 mS/cm, 20 ml each), 12 Vdc power adapter and user manual.

	AD8000
Range	-2.00 to 16.00 pH /-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