

AD8000 Professional Multi-Parameter

pH-ORP-Conductivity-TDS-TEMP Bench Meter

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.

pH measurements are compensated for temperature effect automatically (ATC) using AD7662 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.

AD 8000	AD 8000
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 999 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.e (EC/TDS) ±0.5 °C

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