



AD1000-AD1020

Professional Multi-Parameter pH-ORP-ISE-TEMPERATURE Bench Meters with RS232/USB interface & GLP

AD1000 and **AD1020** are professional bench meters with ranges for pH, ORP (Oxidation Reduction Potential), ISE (**AD1020** only) and temperature measurements. Relative mV readings are also provided. Main features include:

- Up to 5-point calibration with 7 memorized buffers and two custom buffers
- Calibration time-out alarm
- Log-on-demand (up to 50 samples) and automatic logging (up to 1000 samples)
- Two selectable alarm limits
- User selectable logging interval mode
- HOLD feature to freeze the stable reading on the LCD
- GLP feature to view last calibration data for pH, ISE and relative mV
- PC interface/RS232/USB

AD1000 and **AD1020** are supplied complete with A1131B refillable glass body pH electrode with BNC connector and 1 m cable, A7662 stainless steel temperature probe with 1 m cable, electrode holder, calibration solutions in sachets (pH7 and pH4, 20 ml each), 12 Vdc power adapter, and user manual.

AD1030-AD1040-AD1200

Professional Multi-Parameter pH-ORP-ISE-TEMPERATURE Bench Meters with GLP

AD1030, **AD1040** and **AD1200** are professional bench meters for pH, ORP (Oxidation Reduction Potential), ISE (**AD1200** only) and temperature measurements. Relative mV readings are also provided. Main features include:

- Up to three-point calibration with seven memorized buffers and two custom buffers
- Calibration time-out alarm
- pH calibration using buffers with 0.001 resolution
- pH readings with manual or automatic temperature compensation
- Up to 50 samples for log-on-demand (not for AD1030)
- Two selectable alarm limits
- HOLD feature to freeze the stable reading on the LCD
- GLP feature (not for AD1030) to view last calibration data for pH, ISE and relative mV ranges

AD1030, **AD1040** and **AD1200** are supplied complete with A1131B refillable glass body pH electrode with BNC connector and 1 m cable, A7662 stainless steel temperature probe with 1 m cable, electrode holder, calibration solutions in sachets (pH7 and pH4, 20 ml each), 12 Vdc power adapter, and user manual.

AD1000/AD1020	
Range	-2.00 to 16.00 pH / -2.000 to 16.000 pH ±2000 mV 0.001 to 19999 ppm (AD1020 only) -20.0 to 120.0°C (-4.0 to 248.0°F)
Resolution	0.01 pH / 0.001 pH 0.1 mV (±999.9 mV) / 1 mV (outside) 0.001 ppm (0.001 to 9.999) 0.01 ppm (10.00 to 99.99) 0.1 ppm (100.0 to 999.9) 1 ppm (1000 to 19999) (AD1020 only) 0.1°C (0.1°F)
Accuracy (@20°C/68°F)	±0.01 pH / ±0.002 pH ±0.2 mV up to ±699.9 mV ±0.5 mV up to ±999.9 mV ±2 mV outside ±0.5% f.s. ISE (AD1020 only) ±0.4°C (±0.7°F) (excluding probe error)
pH Calibration	Up to 5 point calibration, with 2 custom and 7 standard buffers (pH 1.68, 4.01, 6.86, 7.01, 9.18, 10.01, 12.45)
ISE Calibration	Up to two-point calibration, (AD1020 only) 5 standard solutions available (0.1, 1, 10, 100, 1000 ppm)
PC Interface	USB and RS232

AD1030/AD1040/AD1200	
Range	-2.00 to 16.00 pH / -2.000 to 16.000 pH ±2000 mV 0.001 to 19999 ppm (AD1200 only) -20.0 to 120.0°C (-4.0 to 248.0°F)
Resolution	0.01 pH / 0.001 pH 0.1 mV (±999.9) / 1 mV (outside) 0.001 ppm (0.001 to 9.999) 0.01 ppm (10.00 to 99.99) 0.1 ppm (100.0 to 999.9) 1 ppm (1000 to 19999) (AD1200 only) 0.1°C (0.1°F)
Accuracy (@20°C/68°F)	±0.01 pH / ±0.002 pH ±0.2 mV up to ±699.9 mV ±0.5 mV up to ±999.9 mV ±2 mV outside ±0.5% f.s. for ISE (AD1200 only) ±0.4°C (±0.7°F) (excluding probe error)
pH Calibration	Up to 3 point calibration, with 2 custom and 7 standard buffers (pH 1.68, 4.01, 6.86, 7.01, 9.18, 10.01, 12.45)
ISE Calibration	Up to two-point calibration, (AD1200 only) 5 standard solutions available (0.1, 1, 10, 100, 1000 ppm)