

## AD130

### Professional Multi-Parameter Splash-Proof pH-ORP-Temp Portable Meter

AD130 is a heavy-duty portable pH meter designed to provide laboratory results and accuracy even under harsh industrial conditions.

- 7 memorized buffers for pH calibration (pH 1.68, 4.01, 6.86, 7.01, 9.18, 10.01 and 12.45)
- Messages on the LCD to make the calibration easy and accurate
- pH readings with manual or automatic
- Temperature compensation
- pH calibration using pH buffers with 0.01 resolution
- Temperature range from -20 to 120°C (-4 to 248°F) using A7662 probe

AD130 can also use ORP electrodes to measure mV, with a resolution up to 0.1 mV.



AD130 is supplied with

AD1230B - pH electrode with epoxy body, double junction, BNC connector and 1 m cable; AD7662 - Stainless steel temperature probe with 1 m cable; AD70004 - pH4 calibration solution in sachet (20 ml); AD70007 - pH7 calibration solution in sachet (20 ml); Wrist strap; Batteries (4 x 1.5V, AA alkaline); Instruction manual

Optional AD3230B - ORP electrode

- Gel filled combination ORP electrode with platinum contact



#### Accessories

Find an accessory guide for portable meters on page 13

## AD131 - AD132

### Professional Waterproof pH-ORP-Temperature Portable Meter with GLP & RS232 interface

AD131 and AD132 are heavy-duty portable waterproof meters for pH, ORP (Oxidation Reduction Potential) and temperature measurements, designed to provide laboratory results and accuracy even under harsh industrial conditions.

- 7 memorized buffers for pH calibration (pH 1.68, 4.01, 6.86, 7.01, 9.18, 10.01 and 12.45)
- Messages on the LCD to make the calibration easy and accurate
- pH readings with manual or automatic temperature compensation
- Calibration time-out alarm
- Log-on-demand
- HOLD feature to freeze stable reading on the LCD
- GLP feature to view last calibration data for pH and relative mV
- PC interface [AD132]
- AD132 allows connection to an external serial printer with the following specification: at least 16 characters/line, baud rate 9600 and 9-pin RS232 input



AD131 and AD132 are supplied with

AD1230B - pH electrode with epoxy body, double junction, BNC connector and 1 m cable; AD7662 - Stainless steel temperature probe with 1 m cable; AD70004 - pH4 calibration solution in sachet (20 ml); AD70007 - pH7 calibration solution in sachet (20 ml); Wrist strap; Batteries (4 x 1.5V, AA alkaline); Instruction manual; AD9551 - Serial communication cable [AD132]

Optional AD3230B - ORP electrode

- Gel filled combination ORP electrode with platinum contact



#### Accessories

Find an accessory guide for portable meters on page 13

	AD130	AD131 - AD132
Range	pH	-2.00 to 16.00
	ORP	±1999 mV
	Temp	-20.0 to 120.0°C / -4.0 to 248.0°F
Resolution	pH	0.01 pH
	ORP	0.1 ±699.9 mV / 1 mV (outside)
	Temp	0.1°C (0.1°F)
Accuracy (at 25°C/77°F)	pH	±0.01 pH
	ORP	±0.2 up to ±699.9 mV / ±1 mV (outside)
	Temp	±0.4°C (±0.8°F) (excluding probe error)
Calibration	pH	1 or 2 point calibration, 7 standard buffers available (pH 1.68, 4.01, 6.86, 7.01, 9.18, 10.01, 12.45)
	ORP	Factory calibrated
Temperature compensation	ATC/MTC, -20.0 to 120.0°C (-4.0 to 248.0°F)	ATC/MTC, -20 to 120°C (-4.0 to 248.0 °F)
Unit	°C and °F	°C and °F
Memory	-	Log-on-demand 500 samples
GLP	-	Yes (With time stamp)
Hold function	Yes	Yes (Auto End Point)
Low battery indication	Yes	-
Stability indicator	Yes	Yes
Auto shutt-off	20 min. (can be disabled)	5 min. (can be disabled)
PC Interface	-	RS232 for PC software and External Printer [AD132]
Probe (Included)	AD1230B - epoxy body pH electrode with double junction, BNC connector and 1 m cable; AD7662 - Stainless steel temperature probe with 1 m cable	Up to 5-point calibration, with 7 standard buffers (pH 1.68, 4.01, 6.86, 7.01, 9.18, 10.01, 12.45)
Battery Type / Life	4 x 1.5V AA batteries / Approx. 500 hours of continuous use	4 x 1.5V AA batteries / Approx. 300 hours of continuous use
Dimensions / Weight	188 x 96 x 70 mm / 460 g	188 x 96 x 70 mm / 460 g