

Specifications:

Range	pH	-2.000 to 20.000
	mV	±2000.0 mV
	Relative mV	±2000.0 mV
	ORP	±2000.0 mV
	Temperature	-5.0°C to 105.0°C / 22.0°F to 221.0°F
Resolution	pH	0.1, 0.01, 0.001 pH
	mV	0.1 mV
	Temperature	0.1°C / 0.1°F
Accuracy	pH	±0.002 pH
	mV	±0.2 mV or ±0.05% of reading, whichever is greater
	Temperature	±0.1°C
Calibration		pH with calibration editing option, relative mV (RmV), ORP, LogR temperature and temperature
Calibration Points	pH	1 to 6
	RmV/ORP	1 point relative mV (RMV) mode / 1 point ORP mode
	Temperature Probe	1 point temperature offset calibration, 3 point LogR temperature Calibration
Isopotential Point		7.000 pH (adjustable)
Temperature Selection		Manual or automatic with ATC temperature probe, automatic with pH electrode using LogR mode
Channels		4 — customizable with modules
Display Type		Color graphic LCD with user-customizable options
Backlight Option		Yes
Keypad		Numeric with menu-specific function keys and dual purpose scroll/shortcut keys
Measurement modes		pH with LogR temperature/ mV / RmV / ORP with Temperature
Stability		Selectable fast, medium, slow or Smart Stability setting; Selectable off or Automatic Smart averaging setting
Data Management Details		Transfer single, range or all data points to printer or computer
Data Points		2000 with date and time stamp
Log Function Type		Automatic data logging with Auto-Read, Timed and Single Shot measure modes; manual data logging with Continuous measure mode
Memory		Non-volatile memory preserves data log, calibration log, and meter settings
Alarm Output		Set point alarm, high/low limit alarm, calibration due alarm
Methods		10 per channel with password protection
Languages		English, Spanish, French, Italian, German, Chinese, Portuguese and Korean
Inputs		BNC (pH or ORP electrode), pin-tip (reference elctrode), 8 pin MiniDIN (ATC temperature probe), two stirrer inputs (stirrer probe)

Outputs	USB (2), RS232
Probe Type	pH electrode, ORP electrode, reference half-cell electrode, ATC temperature probe, stirrer probe (includes 8172BNWP ROSS® Sure-Flow® pH Electrode and 927007MD Orion™ ATC Probe)
Power Supply	Universal AC adapter (included)
AC Adapter	Universal 50-60 Hz, 100-240VAC power adapter (Cat. No. STARA-PWR)
IP Rating	IP-54
Certifications/Compliance	CE, TUV 3-1, FCC Class A
Operating Temperature	5° to 45°C / 41° to 113°F
Relative Humidity Range	5 to 85%, non-condensing
Dimensions (L x W x H)	28 cm x 24 cm x 10 cm / 11 in. x 9.5 in. x 3.9 in. (Modules add ≤ 2 cm / 0.8 in. L & H)
Weight	1.2 kg / 2.5 lb. (Modules add 0.2 kg / 0.5 lb. each)
Warranty	3 year meter and module warranty