

Range	Polarographic DO	0.00 to 90.00 mg/L
	RDO	0.00 to 50.00 mg/L
	Percent Saturation (Polarographic DO)	0.0 to 600.0% Saturation
	Percent Saturation (RDO)	0.0 to 500.0% Saturation
	Temperature	-5.0°C to 105.0°C / 22.0°F to 221.0°F
	Barometric Pressure	400 to 850 mm Hg
Resolution	Polarographic DO	0.01, 0.1 mg/L
	RDO	0.01, 0.1 mg/L
	Percent Saturation (Polarographic DO)	0.1, 1 % Saturation
	Percent Saturation (RDO)	0.1, 1 % Saturation
	Temperature	0.1°C / 0.1°F
	Barometric Pressure	0.1 mm Hg
Accuracy	Polarographic DO	±0.2 mg/L or ±2% of reading, whichever is greater
	RDO	±0.1 mg/L up to 8mg/L, ±0.2 mg/L from 8 to 20 mg/L, ±10% of reading up to 50 mg/L
	Percent Saturation Relative (Polarographic DO)	±2% saturation or ±2% of reading, whichever is greater
	Percent Saturation Relative (RDO)	±2% Saturation ≤ 200% Saturation, ±10% Saturation > 200% Saturation
	Temperature	±0.1°C
	Barometric Pressure	±6 mm Hg
Calibration Modes		Water-saturated air, air-saturated water, manual (Winkler titration), zero point
Sensor Types		RDO Optical Dissolved Oxygen Sensor or Polarographic Dissolved Oxygen Sensor
Barometric Pressure Correction		400 to 850 mm Hg, automatic using built-in barometer or manual entry
Salinity Factor		0.0 to 45.0 ppt, automatic correction using manual entry of sample salinity
Temperature Probe Calibration		1 point temperature offset calibration
Temperature Selection		Manual or automatic with ATC temperature probe
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		Dissolved Oxygen as % saturation or mg/L with temperature and barometric pressure
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		9 pin MiniDIN (RDO optical or polarographic DO sensor with built-in temperature), two stirrer inputs (stirrer probe)
Outputs		USB (2), RS232
Probe Type		RDO optical dissolved oxygen probe, polarographic dissolved oxygen probe, stirrer probe (purchase separately)
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