

			<p>Calibration EC/TDS Calibration - automatic, one point at 1413 $\mu\text{S}/\text{cm}$ or 1382 ppm (mg/L) pH Calibration - automatic, one or two-point with two sets of standard buffers (pH 4.01 / 7.01 / 10.01 or 4.01 / 6.86 / 9.18)</p>
3	waterproof portable dissolved oxygen and BOD meter	Dissolved Oxygen (DO) Biological Oxygen Demand (BOD)	<p>DO Range 0.00 to 50.00 ppm (mg/L); 0.0 to 600.0% saturation DO Resolution 0.01 ppm (mg/L); 0.1% saturation DO Accuracy $\pm 1.5\%$ of reading ± 1 digit DO Calibration automatic one or two point at 100% saturation (8.26 mg/L) and 0% saturation (0 mg/L). Atmospheric Pressure Range 450 to 850 mmHg Atmospheric Pressure Resolution 1 mmHg Atmospheric Pressure Accuracy ± 3 mmHg within $\pm 15\%$ from the calibration point Atmospheric Pressure Calibration one point at any in range pressure value Temperature Range -20.0 to 120.0°C (-4.0 to 248.0°F) Temperature Resolution 0.1°C (0.1°F) Temperature Accuracy $\pm 0.2^\circ\text{C}$; $\pm 0.4^\circ\text{F}$ (excluding probe error) Temperature Calibration one or two point at any in range temperature value Temperature Compensation automatic from 0 to 50°C (32 to 122°F) Measurement Modes direct DO; BOD (biochemical oxygen demand); OUR (oxygen uptake rate); SOUR (specific oxygen uptake rate) Barometric Compensation automatic from 450 to 850 mmHg Salinity Compensation automatic from 0 to 70 g/L Electrode/Probe HI764073 polarographic DO probe with protective sleeve, internal temperature sensor, DIN connector and 4m (13') cable (included) Log-on-demand PC Connectivity up to 400 samples opto-isolated USB with optional HI 92000 software and micro USB cable Battery Type/Life 1.5V AA batteries (4) / approximately 200 hours of continuous use without backlight (50 hours with backlight) Auto-off user selectable: 5, 10, 30, 60 min or can be disabled Environment 0 to 50°C (32 to 122°F); RH 100% (IP67) Dimensions 185 x 93 x 35.2 mm (7.3 x 3.6 x 1.4") Weight 400 g (14.2 oz.)</p>
4	portable salinity and sodium content meter	Salinity	<p>NaCl 0.150 to 1.500 g/L NaCl 1.50 to 15.00 g/L NaCl 15.0 to 150.0 g/L NaCl 150 to 300 g/L NaCl °C -20.0 to 120.0°C (-4.0 to 248.0°F) Resolution NaCl 0.001 g/L NaCl 0.01 g/L NaCl 0.1 g/L NaCl 1 g/L NaCl °C 0.1°C (0.1°F)</p>



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			<p>Accuracy (@20°C) NaCl ±5% of reading (NaCl) °C ±0.2°C (±0.4°F) (excluding probe error)</p> <p>Calibration automatic, one or two point at 0.30 g/L (HI 7085), 3.00 g/L (HI 7083), 30.0 g/L (HI 7081) fixed at 25°C (77°F)</p> <p>Temperature Compensation</p> <p>Electrode FC 300B glass body sodium ion electrode with BNC connector and 1 m (3.3') cable (not included)</p> <p>Temperature Probe HI 7662 stainless steel temperature probe with 1 m (3.3') cable</p> <p>Input Impedance 10¹² Ohm</p> <p>Battery Type / Life 1.5V AAA (3) / approx. 200 hours of continuous use</p> <p>Environment 0 to 50°C (32 to 122°F); RH max 100%</p> <p>Dimensions 185 x 72 x 36 mm (7.3 x 2.8 x 1.4")</p> <p>Weight 300 g (10.6 oz.)</p>
5	Salinity and Sodium Content Portable Meter	Probe for Salinity meter	<p>Type glass; combination</p> <p>Measurement Range Sodium (Na+) 1.0M to 1 x 10⁻⁵M, 22,990 to 0.23 mg/L (ppm)</p> <p>Optimum pH Range pH 9.75 to 14</p> <p>Temperature Range 0 to 80 °C</p> <p>Approximate Slope +57</p> <p>Diameter 12 mm</p> <p>Overall Length 120 mm</p> <p>Body Material glass</p> <p>Cable coaxial; 1 m (3.3')</p> <p>Connection BNC</p> <p>Warranty 6 months</p>
6	Stereomicroscope	Microscopy for life sciences and industrial applications; Biological samples and environmental samples including planktons and micro plastics, material testing, geological specimens and earth sciences, Fibers and hair in forensic testing	Greenough Stereo Microscopes S9 Series, S9 D with documentation port
7	Microscope Camera for item 6	Microscope Camera for item 6	<p>20 MP color CMOS camera (for Greenough Stereo Microscope)</p> <p>Model Name/Number DMC5400</p> <p>Sensor Size 1"</p> <p>Interface USB 3.0</p> <p>Brand Leica</p> <p>Pixel Size 2.4micrometre x 2.4micrometre</p> <p>Exposure Time Range 1 ms to 10 s</p>



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