



	pH			ORP
Model	pH -11	pH-22	pH-33	ORP-11
Features				
Part No.	3999960122	3999960123	3999960124	3200965260
Measurement Principle	Glass Electrode			ORP Electrode
Min. Sample	0.1 ml (0.05 ml with Sampling Sheet B)			0.3 ml (0.05 ml with Sampling Sheet B)
pH Range / Resolution	0.0 to 14.0 pH / 0.1 pH	0.00 to 14.00 pH / 0.01 pH		-
mV Range / Resolution	-650 to 650 mV / 1 mV			-1000 to 1000 mV / 1 mV
Accuracy	± 0.1 pH	± 0.01 pH		± 2 mV
Max. Calibration Points	2	3	5	1
Calibration Curves	USA: 1.68, 4.01, 7.00, 10.01 & 12.46 NIST: 1.68, 4.01, 6.86, 9.18 & 12.46			225 mV
Temperature Display / Resolution	-	0 to 50.0 °C / 0.1 °C		
Functions	Automatic Buffer Recognition			ORP and Eh Measurements • Automatic Standard Recognition • Auto / Custom Calibration Value
Display	Temperature Compensation • Temperature Calibration* • Auto Hold / Auto Stable • Automatic Power Off (30 mins.) • Low Battery Indicator • IP67 Water / Dust proof • Replaceable Sensor			
Operating Temperature / Humidity	Custom (monochrome) digital LCD with backlight			
Battery Life	5 to 40.0 °C / ≤ 85% in relative humidity (no condensation)			
Materials	Approx. 400 hrs. continuous use without backlight			ABS epoxy body / platinum disk sensor
Dimensions	ABS epoxy body / flat glass sensor			
Mass	164 x 29 x 20 mm (excluding projections)			
Accessories included	Approx. 55g (including sensor and batteries)			225 mV ORP Standard (14 ml) • Abrasive Cotton Swab • Sampling Sheet B (5 pcs)
	pH 7.00 & 4.01 Buffers (14 ml each)			
	CR2032 Batteries (2 pcs) • Dropper • Instruction & Quick Manuals • Storage Case			

\* Applicable for models with temperature display

