

TECHNICAL SPECIFICATION OF POCKET pH/CONDUCTIVITY/TDS/SALINITY METER

Features:	Specification
pH	Range : 0.0 to 14.0
	Resolution : 0.01
	Calibration points : 3 to 5 pts (pH 1.68, 4.01, 7.00, 10.01 and 12.45)
	Auto-Buffer Recognition : YES
	Accuracy : ± 0.01
Temperature	Range : 0 to 50 °C (32 to 122 °F)
	Resolution : 0.1 °C (0.1 °F)
	Accuracy : ± 0.5 °C (± 0.9 °F)
Conductivity	Range : 0.0 to 200.0 $\mu\text{S/cm}$, 200 to 2000 $\mu\text{S/cm}$; 2.0 to 20.0 mS/cm
	Resolution : 0.1 μS , 1 $\mu\text{S/cm}$; 0.01 mS/cm
	Accuracy : $\pm 1\%$ full scale
	Calibration pts : 1 to 3 point standard/manual calibration
	Cell constant(K) : fixed at $K = 1.0 \text{ cm}^{-1}$
TDS	Stainless steel pin-style conductivity sensor
	Range : 0.0 to 100.0 ppm, 100 to 1000 ppm; 1.0 to 10.0 ppt
	Resolution : 0.1 ppm, 1 ppm; 0.01 ppt
	Accuracy : $\pm 1\%$ full scale
Salinity	Calibration pts : Up to 5 points (1 point per range)
	Range : 0.0 to 100.0 ppm, 100 to 1000 ppm; 1.0 to 10.0 ppt
	Resolution : 0.1 ppm, 1 ppm; 0.01 ppt; 0.01%
	Accuracy : 1% full-scale
Temperature compensation	Calibration pts : Up to 5 points
	Automatic or Manual, 32 to 122 °F (0 to 50 °C)
Factor	Self-adjusting TDS and salinity factor
Power	Four 1.5 V button cell batteries
Accessories	Calibration standard solutions
Make	Eutech/Oakton/Horiba(Cat. No. KJ-35425-10)