




Economy Handheld Specification Tables



Eutech reserves the right to make changes, improvements and modifications to products shown.



Warranty | Eutech Instruments provides three years of warranty against manufacturing defects for our meters, and six months for our electrodes.



pH/Oxidation Reduction Potential (ORP) Economy Handheld Meters		Ion 6+	pH 6+	pH 5+
				
pH	Range	0.00 to 14.00 pH		
	Resolution	0.01 pH		
	Accuracy	±0.01 pH		
	Calibration Points	Up to 3		
	Buffer Sets	USA, NIST, PWB		
Ion	Range	0.01 to 0.99, 1.0 to 199.9, 200 to 1999 ppm	–	
	Resolution	0.01, 0.1, 1 ppm	–	
	Accuracy	± 1 % full scale	–	
	Calibration Points	Up to 3	–	
Temperature	Range	0.0 to 100.0 °C		
	Resolution	0.1 °C		
	Accuracy	±0.5 °C		
ORP	Range	±500 mV	±1000 mV	–
	Resolution	0.1 mV (±199.9); 1 mV (beyond)	1 mV	–
	Accuracy	±0.2 mV (±199.9); ±2 mV (beyond)	±2 mV	–
Meter Features	Temperature Compensation	ATC/MTC (0 °C to 100 °C)		
	IP Rating	IP54		
	Hold Function	Yes		
	Auto-Off	20 mins after last key press		
	Average/Stability	Yes		
	Inputs	BNC, 2.5 mm phono socket		
	Power Requirements	4x 1.5 V 'AAA' alkaline batteries ; >200 hours		
Dimensions (LxWxH); Weight	Meter	15.7 x 8.5 x 4.2 cm ; 255 g		
	Boxed	24 x 17 x 8 cm ; 555 g		

Conductivity/Total Dissolved Solids (TDS) Economy Handheld Meters		COND 6+	TDS 6+
			
Conductivity	Range	.. to 19.99 µS/cm, 19.9 µS/cm to 199.9 µS/cm, 199 µS/cm to 1999 µS/cm, 2.00 mS/cm to 19.99 mS/cm, 20.0 mS/cm to 199.9 mS/cm	–
	Resolution	0.05 % full scale	–
	Accuracy	±1 % full scale + 1 LSD	–
TDS	Range	–	.. to 9.99 ppm *, 10.0 ppm to 99.9 ppm, 100 ppm to 999 ppm, 1.00 ppt to 9.99 ppt, 10.0 ppt to 99.9 ppt
	Resolution	–	0.05 % full scale
	Accuracy	–	±1 % full scale + 1 LSD
	TDS Factor	–	0.40 to 1.0
Calibration Points		4 (1 per range) auto, 5 (1 per range) manual	5 (1 per range) manual
Temperature	Range	0.0 to 80.0 °C / 32 to 176 °F (with supplied probe)	
	Resolution	0.1 °C / 0.1 °F	
	Accuracy	±0.5 °C / ±0.9 °F	
	Coefficient	0.0 to 3.0 %	
	Normalisation	20.0 or 25.0 °C	
	Operating Range	0 to 50 °C	
Meter Features	Cell Constant	0.1, 1.0, 10.0	
	Temperature Compensation	ATC/MTC (0 °C to 80 °C) (with supplied probe)	
	IP Rating	IP54	
	Hold Function	Yes	
	Auto-Off	20 mins after last key press	
	Inputs	BNC, 2.5 mm phono socket	
	Power Requirements	4x 1.5 V 'AAA' alkaline batteries ; >100 hours	
Dimensions (LxWxH); Weight	Meter	15.7 x 8.5 x 4.2 cm ; 255 g	
	Boxed	24 x 17 x 8 cm ; 555 g	

* Maximum 199.9 ppt depending on factor setting