

Economy Handheld Specification Tables



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



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

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