EUTECH - Conductivity / TDS Handheld Meters

Brand: Eutech Model: COND 6+

Product Features:

- Multi-Point Push-button Calibration (up to 5 points)
 with ±1% full-scale accuracy
- The option of quick, easy automatic calibration or customized, near-to-sample manual calibration.
- Auto-Ranging for Conductivity/TDS measurements for fast response and best resolution over a wide measurement range
- Automatic Temperature Compensation (ATC) for the optimum accuracy under fluctuating temperatures
- Hold Function momentarily freezes reading for easy viewing
- Auto-Power Off saves battery power after non-use
- Self-Diagnostic with message codes for easy troubleshooting
- Large Custom LCD provides optimum viewing even at a distance
- Electrode with Built-in ATC designed for minimal air bubble entrapment during the measurement
- Protective Rubber Boot shields meter from drops and features a sturdy built-in stand for easy bench-top operation
- Meter Kit (Optional) contains everything you need for calibration and measurement in a rugged carrying case

Applications:

- **Routine Testing:** For quick, accurate conductivity or TDS checks in laboratories, field and schools.
- **Environmental/Agricultural:** Useful in nutrient and fertilizer checks in hydroponics and agricultural industries.
- Water Quality Testing: For analyzing water hard water, untreated water, industrial and rinse water, drinking water, effluent water, pool water and incoming process water. Ideal for all types of quality assurance, printing industries and water quality testing.



EUTECH - Conductivity / TDS Handheld Meters

Conductivity Range (Based on 1.0 Cell Constant) 0.00 - 19.99 μS/cm 20.00 - 199.99 μS/cm 20.00 - 199.99 μS/cm 20.00 - 199.99 μS/cm 20.00 mS/cm 20.00 mS/cm 20.00 mS/cm 20.00 mS/cm Resolution 0.05 % full scale Accuracy ±1 % of full scale ±1 LSD Temperature 0.0 to 100.0 °C / 32.0 to 212 °F (80.0 °C with supplied probe) Resolution 0.1 °C / 0.1 °F Accuracy ±0.5 °C / ±0.9 °F Compensation ΔTC / MTC (0 to 80 °C) Normalization 20.0 or 25.0 °C Operating Temperature 5 to 45 °C Meter Features Calibration Points 4 (1 per range) auto, 5 (1 per range) manual Temperature Coefficient 0.0 - 10.0 % Cell Constant 0.1, 1.0, 10.0 Auto-Off 20 min after last key pressed Input BNC, 2.5 mm phono socket Power/Battery Life 4 x 1.5 V 'AAA' alkaline batteries (included); > 500 hours Dimensions/Weight Meter (LxWxH) 15.7 x 8.5 x 4.2 cm; 255 g	Product Specification	Description
(Based on 1.0 Cell Constant) 20.00 - 199.9 μS/cm 2.00 - 19.99 mS/cm 2.00 - 200.0 mS/cm Resolution 0.05 % full scale Accuracy ±1 % of full scale ±1 LSD Temperature Range 0.0 to 100.0 °C / 32.0 to 212 °F (80.0 °C with supplied probe) Resolution 0.1 °C / 0.1 °F Accuracy ±0.5 °C / ±0.9 °F Compensation ATC / MTC (0 to 80 °C) Normalization 20.0 or 25.0 °C Operating Temperature 5 to 45 °C Meter Features Calibration Points Calibration Points 4 (1 per range) auto, 5 (1 per range) manual Temperature Coefficient 0.0 - 10.0 % Cell Constant 0.1, 1.0, 10.0 Auto-Off 20 min after last key pressed Input BNC, 2.5 mm phono socket Power/Battery Life 4 x 1.5 V 'AAA' alkaline batteries (included); > 500 hours Dimensions/Weight 15.7 x 8.5 x 4.2 cm; 255 g	Conductivity	
Accuracy ±1 % of full scale ±1 LSD Temperature Range	(Based on	20.00 - 199.9 μS/cm 200.0 - 1999 μS/cm 2.00 - 19.99 mS/cm
Temperature Range	Resolution	0.05 % full scale
Range 0.0 to 100.0 °C / 32.0 to 212 °F (80.0 °C with supplied probe) Resolution 0.1 °C / 0.1 °F Accuracy ±0.5 °C / ±0.9 °F Compensation ATC / MTC (0 to 80 °C) Normalization 20.0 or 25.0 °C Operating Temperature 5 to 45 °C Meter Features Calibration Points 4 (1 per range) auto, 5 (1 per range) manual Temperature Coefficient 0.0 - 10.0 % Cell Constant 0.1, 1.0, 10.0 Auto-Off 20 min after last key pressed Input BNC, 2.5 mm phono socket Power/Battery Life 4 x 1.5 V 'AAA' alkaline batteries (included); > 500 hours Dimensions/Weight Meter (LxWxH) 15.7 x 8.5 x 4.2 cm; 255 g	Accuracy	± 1 % of full scale ± 1 LSD
Resolution $0.1 ^{\circ}\text{C} / 0.1 ^{\circ}\text{F}$ Accuracy $\pm 0.5 ^{\circ}\text{C} / \pm 0.9 ^{\circ}\text{F}$ CompensationATC / MTC (0 to 80 $^{\circ}\text{C}$)Normalization $20.0 \text{ or } 25.0 ^{\circ}\text{C}$ Operating Temperature $5 \text{ to } 45 ^{\circ}\text{C}$ Meter FeaturesSection 10.0 \(\text{Calibration Points} \) 4 (1 per range) auto, 5 (1 per range) manualTemperature Coefficient $0.0 - 10.0 ^{\circ}\text{C}$ Cell Constant $0.1, 1.0, 10.0$ Auto-Off $20 \text{min after last key pressed}$ InputBNC, $2.5 \text{mm phono socket}$ Power/Battery Life $4 \times 1.5 \text{V 'AAA' alkaline batteries (included);} > 500 \text{hours}$ Dimensions/Weight $15.7 \times 8.5 \times 4.2 \text{cm}; 255 \text{g}$	Temperature	
Accuracy ±0.5 °C / ±0.9 °F Compensation ATC / MTC (0 to 80 °C) Normalization 20.0 or 25.0 °C Operating Temperature 5 to 45 °C Meter Features Calibration Points 4 (1 per range) auto, 5 (1 per range) manual Temperature Coefficient 0.0 - 10.0 % Cell Constant 0.1, 1.0, 10.0 Auto-Off 20 min after last key pressed Input BNC, 2.5 mm phono socket Power/Battery Life 4 x 1.5 V 'AAA' alkaline batteries (included); > 500 hours Dimensions/Weight Meter (LxWxH) 15.7 x 8.5 x 4.2 cm; 255 g	Range	
Compensation ATC / MTC (0 to 80 °C) Normalization 20.0 or 25.0 °C Operating Temperature 5 to 45 °C Meter Features Calibration Points 4 (1 per range) auto, 5 (1 per range) manual Temperature Coefficient 0.0 - 10.0 % Cell Constant 0.1, 1.0, 10.0 Auto-Off 20 min after last key pressed Input BNC, 2.5 mm phono socket Power/Battery Life 4 x 1.5 V 'AAA' alkaline batteries (included); > 500 hours Dimensions/Weight Meter (LxWxH) 15.7 x 8.5 x 4.2 cm; 255 g	Resolution	0.1 °C / 0.1 °F
Normalization 20.0 or 25.0 °C Operating Temperature 5 to 45 °C Meter Features Calibration Points 4 (1 per range) auto, 5 (1 per range) manual Temperature Coefficient 0.0 - 10.0 % Cell Constant 0.1, 1.0, 10.0 Auto-Off 20 min after last key pressed Input BNC, 2.5 mm phono socket Power/Battery Life 4 x 1.5 V 'AAA' alkaline batteries (included); > 500 hours Dimensions/Weight Meter (LxWxH) 15.7 x 8.5 x 4.2 cm; 255 g	Accuracy	± 0.5 °C / ± 0.9 °F
Operating Temperature 5 to 45 °C Meter Features Calibration Points 4 (1 per range) auto, 5 (1 per range) manual Temperature Coefficient 0.0 - 10.0 % Cell Constant 0.1, 1.0, 10.0 Auto-Off 20 min after last key pressed Input BNC, 2.5 mm phono socket Power/Battery Life 4 x 1.5 V 'AAA' alkaline batteries (included); > 500 hours Dimensions/Weight Meter (LxWxH) 15.7 x 8.5 x 4.2 cm; 255 g	Compensation	ATC / MTC (0 to 80 °C)
Meter FeaturesCalibration Points4 (1 per range) auto, 5 (1 per range) manualTemperature Coefficient0.0 - 10.0 %Cell Constant0.1, 1.0, 10.0Auto-Off20 min after last key pressedInputBNC, 2.5 mm phono socketPower/Battery Life4 x 1.5 V 'AAA' alkaline batteries (included); > 500 hoursDimensions/Weight15.7 x 8.5 x 4.2 cm; 255 g	Normalization	20.0 or 25.0 °C
Calibration Points4 (1 per range) auto, 5 (1 per range) manualTemperature Coefficient0.0 - 10.0 %Cell Constant0.1, 1.0, 10.0Auto-Off20 min after last key pressedInputBNC, 2.5 mm phono socketPower/Battery Life4 x 1.5 V 'AAA' alkaline batteries (included); > 500 hoursDimensions/Weight15.7 x 8.5 x 4.2 cm; 255 g	Operating Temperature	5 to 45 °C
Temperature Coefficient 0.0 - 10.0 % Cell Constant 0.1, 1.0, 10.0 Auto-Off 20 min after last key pressed Input BNC, 2.5 mm phono socket Power/Battery Life 4 x 1.5 V 'AAA' alkaline batteries (included); > 500 hours Dimensions/Weight Meter (LxWxH) 15.7 x 8.5 x 4.2 cm; 255 g	Meter Features	
Cell Constant O.1, 1.0, 10.0 Auto-Off 20 min after last key pressed BNC, 2.5 mm phono socket Power/Battery Life 4 x 1.5 V 'AAA' alkaline batteries (included); > 500 hours Dimensions/Weight Meter (LxWxH) 15.7 x 8.5 x 4.2 cm; 255 g	Calibration Points	4 (1 per range) auto, 5 (1 per range) manual
Auto-Off 20 min after last key pressed BNC, 2.5 mm phono socket Power/Battery Life 4 x 1.5 V 'AAA' alkaline batteries (included); > 500 hours Dimensions/Weight Meter (LxWxH) 15.7 x 8.5 x 4.2 cm; 255 g	Temperature Coefficient	0.0 - 10.0 %
Input BNC, 2.5 mm phono socket Power/Battery Life 4 x 1.5 V 'AAA' alkaline batteries (included); > 500 hours Dimensions/Weight Meter (LxWxH) 15.7 x 8.5 x 4.2 cm; 255 g	Cell Constant	0.1, 1.0, 10.0
Power/Battery Life 4 x 1.5 V 'AAA' alkaline batteries (included); > 500 hours Dimensions/Weight Meter (LxWxH) 15.7 x 8.5 x 4.2 cm; 255 g	Auto-Off	20 min after last key pressed
> 500 hours Dimensions/Weight Meter (LxWxH) 15.7 x 8.5 x 4.2 cm; 255 g	Input	BNC, 2.5 mm phono socket
Meter (LxWxH) 15.7 x 8.5 x 4.2 cm; 255 g	Power/Battery Life	
	Dimensions/Weight	
	Meter (LxWxH)	15.7 x 8.5 x 4.2 cm; 255 g
Boxed (LxWxH) 36 x 28 x 8 cm; 1555 g	Boxed (LxWxH)	36 x 28 x 8 cm; 1555 g

EUTECH - Conductivity / TDS Handheld Meters

Order Information:

Order No.	Item
ECCON603PLUSK	COND 6+ with CONSEN91B electrode, KCl calibration solutions (84 μ S/cm, 1413 μ S/cm, 12.88 mS/cm), and DI rinse water (60 mL each), Grip-Clip, and batteries in hard carrying case
ECCON603PLUS	COND 6+ with CONSEN91B electrode, Grip-Clip, batteries
CONSEN91B	Replacement electrode with ATC, k=1.0
CONSEN72B	Epoxy electrode with ATC, k=0.1
GRIPCLIP	Grip-Clip electrode holder