HM Digital Professional TDS-Conductivity- Temperature Combo COM-100

Code: COM-100 HSN: 90278030 GST: 18% Brand: AVAIN LABS









AVAIN LABS® HM Digital Professional TDS-Conductivity-Temperature Combo COM-100

The AvainLabs® HM Digital Professional TDS-Conductivity-Temperature Combo COM-100 is a compact and versatile digital testing instrument designed for measuring Total Dissolved Solids (TDS), Electrical Conductivity (EC), and Temperature. It is suitable for a wide range of water quality testing applications, including laboratories, water treatment, hydroponics, aquariums, agriculture, swimming pools, and general water testing.

The COM-100 features a wide EC measurement range of 0–9990 µS and 0–9.99 mS and supports multiple TDS measurement scales for flexible testing. Its IP67-rated waterproof housing provides added protection for use in water testing environments. The device also features digital 1-point calibration, a clear digital interface, compact dimensions, and convenient battery-powered operation.

Key Features

- 3-IN-1 WATER QUALITY TESTER: Measures TDS, EC (Electrical Conductivity), and Temperature in one compact digital device.
- WIDE EC RANGE: EC measuring range of 0–9990 µS and 0–9.99 mS for a broad range of conductivity testing applications.
- MULTIPLE TDS SCALES: Supports TDS measurement from 0–8560 ppm (0.7 Scale), 0–8.56 ppt (0.7 Scale), 0–5000 ppm (0.5 Scale), and 0–5.00 ppt (0.5 Scale).
- TEMPERATURE MEASUREMENT: Operating temperature range of 0–55°C, with temperature resolution of 0.1°C/°F.
- MEASUREMENT ACCURACY: Provides accuracy of approximately ±2% F.S. for reliable routine water quality testing.
- DIGITAL 1-POINT CALIBRATION: Features convenient 1-point digital calibration for easy calibration and routine operation.
- WATERPROOF IP67 HOUSING: Built with a waterproof IP67-rated housing for added protection during water testing applications.
- COMPACT DESIGN: Dimensions of approximately 185 x 34 x 34 mm, making the meter portable and convenient for field and laboratory use.
- BATTERY POWERED: Operates using 2 x 1.5V AAA batteries for convenient cordless operation.

Technical Specifications

Applications

The AvainLabs® COM-100 is suitable for water quality testing, drinking water monitoring, hydroponics, aquariums, water treatment, swimming pools, agriculture, laboratories, and general TDS and conductivity measurement applications. Its compact, waterproof design makes it convenient for both professional laboratory testing and portable on-site water analysis.

Specifications	
Model	COM-100
Product Type	TDS-Conductivity-Temperature Combo Meter
EC Range	0–9990 µS; 0–9.99 mS
TDS Range	0–8560 ppm (0.7 Scale); 0–8.56 ppt (0.7 Scale); 0–5000 ppm (0.5 Scale); 0–5.00 ppt (0.5 Scale)
Resolution (0–99)	0.1 µS / ppm / 0.01 mS / ppt
Resolution (100–999)	1 µS / ppm
Resolution (1000–9990)	10 µS / ppm
Temperature Resolution	0.1°C/°F
Accuracy	±2% F.S.
Calibration	1 Point (Digital)
Operating Temperature	0–55°C
Housing	Waterproof, IP67 Rated
Power Source	2 x 1.5V AAA Batteries
Dimensions	185 x 34 x 34 mm

Available models (3)

Cat. No.	Model / Size	Size	Meas...	Reso...	Calib...	HSN
COM-100-S1	100 g	100 g				90278030
COM-100-S2	1 kg	1 kg				90278030
COM-100	EC Range: 0 – 9990 µS; 0 – 9.99 mS TDS Range: 0 – 8560 ppm (0.7 Scale); 0 – 8.56 ppt (0.7 Scale); 0 – 5000 ppm (0.5 Scale); 0-5.00 ppt (0.5 Scale), 0-		EC R...	0-99: ...	1 poi...	90278030

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