Pocket TDS-Conductivity-Temperature Combo ACU-1

Code: ACU-1 GST: 18% Brand: AVAIN LABS







AVAIN LABS® Pocket TDS-Conductivity-Temperature Combo ACU-1

The AVAIN LABS® Pocket TDS-Conductivity-Temperature Combo – ACU-1 is a compact and portable 3-in-1 water quality testing meter designed to measure Total Dissolved Solids (TDS), Electrical Conductivity (EC), and Temperature. Its pocket-sized design makes it convenient for quick and reliable water quality testing in laboratories, water treatment applications, aquariums, hydroponics, and other water testing environments.

The ACU-1 Pocket TDS-Conductivity-Temperature Combo Meter offers an EC measuring range of 0 to 9990 µS/cm and a TDS measuring range of 0 to 9990 ppm. It provides a resolution of 1 µS/cm for EC and 1 ppm for TDS, with an accuracy of ±2% Full Scale (F.S.).

The instrument is designed to operate across a temperature range of 0 to 80°C, allowing it to be used for testing water under a variety of conditions. Powered by 1 × 3V CR2032 battery, the ACU-1 is easy to operate and convenient for portable, on-site measurements.

With compact dimensions of 155 × 31 × 23 mm, the AVAIN LABS® ACU-1 is an ideal choice for users looking for a practical and portable instrument for monitoring TDS, conductivity, and temperature in water.

Technical Specifications

Key Features

- 3-in-1 Pocket Water Quality Meter
- Measures TDS, Electrical Conductivity (EC), and Temperature
- EC measuring range of 0 to 9990 µS/cm
- TDS measuring range of 0 to 9990 ppm
- 1 µS/cm EC resolution
- 1 ppm TDS resolution
- Accuracy of ±2% F.S.
- Operating temperature range of 0 to 80°C
- Compact and portable pocket design
- Powered by 1 × 3V CR2032 battery
- Suitable for convenient on-site water quality testing

Applications

The AVAIN LABS® Pocket TDS-Conductivity-Temperature Combo ACU-1 is suitable for water quality testing, drinking water monitoring, RO and water purification systems, laboratories, aquariums, hydroponics, water treatment plants, educational institutions, and general water testing applications. It provides a convenient solution for checking dissolved solids, electrical conductivity, and temperature in water.

Specifications	
Product Name	AVAIN LABS® Pocket TDS-Conductivity-Temperature Combo
Model	ACU-1
EC Measuring Range	0 to 9990 µS/cm
TDS Measuring Range	0 to 9990 ppm
Resolution	1 µS/cm (EC) and 1 ppm (TDS)
Accuracy	±2% F.S.
Operating Temperature	0 to 80°C
Power Source	1 × 3V (CR2032)
Dimensions	155 × 31 × 23 mm

Available models (3)

Cat. No.	Model / Size	Size	HSN
ACU-1-S1	Small	Small	
ACU-1	Standard		
ACU-1-S2	Large	Large	

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