Conductivity Meter /EC Meter /TDS Meter

Conductivity Meter is a versatile water quality analysis instrument designed for various applications, including high-end water quality management and automatic control in specific environments. Let’s explore its advantages and specifications:

Advantages:

- **6-Inch High-Resolution LCD Display:** Provides clear visibility for conductivity readings.
- **Multi-Reading Feature:** Supports auto-read and continuous-read modes.
- **Automatic/Manual Temperature Compensation:** Ensures accurate results by accounting for temperature variations.
- **Auto-Hold Feature:** Detects and locks the measurement endpoint.
- **Data Storage:** Stores up to 50 sets of data for each parameter.
- **Reset Feature:** Automatically restores settings to factory defaults.
- **IP54 Waterproof Rating:** Suitable for challenging conditions.

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- **1-Point Calibration with Standard Recognition:** Allows precise calibration.
- **Settable Cell Constant.**

Technical Specifications:

- **Model:** MSCONB200EMSWISS
- **Conductivity:**
  - **Range:** 0.00 ?S/cm to 200 mS/cm
  - **Resolution:** 0.01 ?S/cm (varies with range selection)
  - **Accuracy:** ±1.0% FS
  - **Reference Temperature:** 25 ºC
  - **Calibration Points:** Up to 1
  - **Standard Recognition:** 84 ?S/cm, 1413 ?S/cm, 12.88 mS/cm
- **TDS (Total Dissolved Solids):**
  - **Range:** 0.00 mg/L to 100 g/L
  - **Resolution:** 0.01 mg/L (varies with range selection)
  - **Accuracy:** ±1.0% FS
- **Measurement Reading Mode:**
  - Auto-Read, Continuous
  - Reading Prompts: Reading, Stable, Locked
- **Temperature Compensation:**
  - MTC (Manual Temperature Compensation)
- **Data Management:**
  - Data Storage: 50 results each
- **Inputs:**
  - Conductivity with Temp. Probe: 5-pin aviation connector
- **Display Options:**
  - Backlight: Yes
  - Auto Shutdown: Configurable (300, 600, 1200, 1800, 3600 seconds, or off)
  - IP Rating: IP54
- **General:**
  - Electricity: AC Adapter (100-240V AC input, DC9V output)

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- Dimensions: 242 × 195 × 68 mm
- Weight: 900 g

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