

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.

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

Technical Specifications:

- **Model:** MSCONB200EMSWISS
- **Conductivity:**
 - **Range:** 0.00 μ S/cm to 200 mS/cm
 - **Resolution:** 0.01 μ S/cm (varies with range selection)
 - **Accuracy:** $\pm 1.0\%$ FS
 - **Reference Temperature:** 25 °C
 - **Calibration Points:** Up to 1
 - **Standard Recognition:** 84 μ S/cm, 1413 μ 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:** $\pm 1.0\%$ 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)

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