

General Specifications

Personal Conductivity Meter Model SC72

Compact, Easy-to-Use, and Waterproof, the SC72 is designed specifically to meet the needs of both the field and the laboratory. This portable conductivity meter includes advanced features such as Data Memory, Alarm, and Self-Diagnostic functions. Combined with a wide variety of electrodes, the SC72 offers the flexibility to meet the requirements of nearly any conductivity application.

■ FEATURES

- Waterproof (IP67), sealed case and connector cover to keep out moisture
- Autoranging allows 0 to 2000 mS/cm capability
- Large, easy-to-read display
- Automatic Temperature Compensation (NaCl curve or User-defined coefficient)
- Self-Diagnostics warn of fault conditions
- Auto power off extends battery life
- 300 Points of Data Memory (stores conductivity value, temperature, date, and time)
- Audio Alarm Function

■ SPECIFICATIONS

Measuring Ranges

Conductivity: 0 to 2000 mS/cm (dependent on sensor selected)
 Resistivity: 0-40.0 M Ω (high purity sensor only)
 Temperature: 0 to 80°C

Display: Digital LCD

Resolution

Conductivity: 0.001 μ S/cm (for 0 to 2 μ S/cm range)
 Resistivity: 0.1 M Ω
 Temperature: 0.1°C

Repeatability: \pm 1% Range Full Scale

Process Temperature: 0 to 80°C

Ambient Temperature: 0 to 50°C

Power Supply: Two AA size Alkaline Batteries



■ HOW TO ORDER THE SC72

Model Code	Description
SC72-00-E-AA	Hand-Held Conductivity Meter Without Sensor

■ HOW TO ORDER SEPARATE CONDUCTIVITY SENSORS

Part Number	Description
SC72SN-21-AA	General Purpose Sensor with 0.75m cable; Integral Temperature Sensor; 0-200mS/cm range
SC72SN-23-AA	General Purpose Sensor with 3.0m cable; Integral Temperature Sensor; 0-200mS/cm range
SC72SN-11-AA	Pure Water Sensor with 0.75m cable; Integral Temperature Sensor; 0-200 μ S/cm range
SC72SN-31-AA	Chemical Resistant Sensor with 0.75m cable; Integral Temperature Sensor; 0-200mS/cm range
SC72SN-41-AA	High Conductivity Sensor with 0.75m cable; Integral Temperature Sensor; 0-2000mS/cm range

