Conductivity Meter

CM100

Features

CM100 is a microprocessor based conductivity meter to analyze conductivity and temperature. Using digital filtering and slip technology, the response speed of the meter and the accuracy of the measured data are improved intelligently, and the icon is displayed when the measuring value is stable. Using advanced automatic frequency conversion and voltage regulation technology, the measuring range of the constant K=1 conductive electrode is expanded 10 times.

➢ Large LCD display with white backlit
➢ Built-in microprocessor chip, with automatic calibration
➢ Automatic identification of 8 kinds of conductivity standard solutions
➢ SMT patch technology is used in PCB, which provides the reliability of product processing
➢ Automatic temperature compensation, data storage, function settings and other intelligent functions
➢ One point calibration; the measuring accuracy requirement in the range of 0~100mS/cm can be achieved

Specifications

Range	(0~199.9)μS/cm; (200~1999)μS/cm (2~19.99)mS/cm; (20~199.9)mS/cm
Resolution	0.1/1μS/cm, 0.01/0.1mS/cm
Accuracy	Meter:±1.0%FS,meter comes with electrode:±1.5%FS
Operation condition	Environmental temperature: 5 to 35℃ Environmental humidity: ≤85%
Electrode Constant	0.1/1/10
Data Storage	50 programs
Storage Content	Number, measuring value, measuring unit, temperature value
Power	DC9V
Dimension	160x190x70mm
Weight	750g