

Meridian Series

Benchtop Electrochemistry Meter



Meridian Meter

Compliance made easy -- and affordable!

Meridian meters from Denver Instrument ensure that your measurements are in compliance with GLP/GMP, ISO and 21-CFR, Part 11 standards. Available data include: time, date, model, meter serial number, electrode serial number, slope efficiency, pH readings, mV readings, mV offset and calibration history.

GLP Clip for easy storage and recall of Cal Data. The innovative GLP Clip from Denver Instrument stores and displays the data from the last four calibrations as well as the initial calibration for a given electrode. Simply connect the GLP Clip to any Denver pH electrode and the Meridian meter walks you through the initial setup and calibration of the probe. GLP Clip permanently attaches to the Denver electrode, ensuring that cal data is not compromised. GLP Clip is only compatible with Denver Meridian meters, but will attach to and store data from any pH electrode with BNC connector.



Data Logging and Output. Log up to 500 data points and send the information to a computer or printer via RS-232 serial interface. Simply press Print and the Meridian meter sends the measurement result to the datalog and any connected printer or computer. Stored data is also available for recall and can be filtered according to: Memory ID, Sample ID, pH, mV or temperature.

Standardization is a snap! Like all Denver meters, the Meridian Series offers quick, intuitive standardization to known buffers. Press the Cal key and the Meridian will accept up to 3 separate standardization points, with automatic buffer recognition and automatic temperature compensation to ensure the most accurate readings. After standardization, the Meridian meter automatically displays the slope of the electrode in use.

Features include:

- Easy 1-2-3 standardization
- Simple menu navigation
- Automatic buffer recognition
- Automatic electrode test
- Automatic temperature compensation (ATC)
- Data logging of up to 500 results
- RS-232 serial interface for data output
- GLP-Clip safeguards cal data
- Data collection facilitates compliance
- Calibration reminder
- Measurement lock option



MR-10B Bio Kit

MR-10 Specifications	pH	mV	Temp
Range	-2.000 to 20.000	-2000.0 to 2000.0	-5.0 to 105.0°C
Resolution	0.001/0.01/0.1 pH	0.1/1 mV	0.1°C
Accuracy	±0.005pH	± 1 mV > 1000	±0.02 °C

Common Specifications

Relative mV Mode	Yes
Interface	RS-232
Dimensions	9" x 6" x 3" (229 x 145 x 85mm)
Net weight	2 lbs. (1kg)

Meter Kit Options

MR-10P Deluxe Kit

Includes electrode arm and base, pH/ATC electrode (300728.1) and GLP Clip

MR-10B Bio Kit

Includes electrode arm and base, TRIS-compatible pH/ATC electrode (300729.1) and GLP Clip

MR-10A Meter-Only

Includes meter and power supply only; no electrode, arm or base

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