



Taha Kimia Tajhiz Co.

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Resistivity Meter, Model 653B Datasheet

Drilling Fluids Testing / Resistivity Equipment

Resistivity Meter, Model 653B

Description

The Model 653B Resistivity Meter measures the resistivity of fluids, slurries, and semisolids (e.g., filter cakes or mud solids). The range is 0.01 to 10 ohm-meters.

This resistivity meter is packaged in a lightweight case.

Application

Resistivity measurements are useful in formation evaluation. This resistivity meter can be used in the laboratory or field and conforms to API Recommended Practice 13B-1 for measuring resistivity.

Conductivity of the sample is obtained by taking the reciprocal of the resistivity measurement.

Advantages

- Direct reading in ohm-meters
- Built-in temperature probe
- Push button for calibration (black)

Specifications

Measurement Range	0.01 to 10 ohm-meters
Meter Dimensions (H x W x L)	3.1 x 3.7 x 6.2 in. 8.0 x 9.5 x 15.8 cm
Weight	3.25 lb (1.5 kg)
Carrying Case	9 x 3.5 x 7.9 in. 22.9 x 8.9 x 20.1 cm
Power Supply	9 V battery



Ordering Information

Part No. 101582036 — Resistivity Meter, Model 653B

Description	Part No.
Replacement Parts	
Sample Cell	210174
9 V Battery	205643
Pipe Cleaners	210441
Carrying Case	203623
Optional Accessories	
Calibration Kit	210179
Cleaning Solution	210181
Standard Resistance Solution	210182

Model 88C Resistivity Meter, a digital meter, is also available—Part No. 207960.

Battery eliminators are not available for Model 653B Resistivity Meter.