

# Resistivity Meter

Provides quick and reliable resistivity measurements of drilling fluid samples

## Applications

- Measuring the resistivity of mud, mud filtrate, and mud cake samples

## Features and Benefits

- A transparent cell enables air bubbles to be identified for accurate readings.
- A built-in thermometer provides temperature readings that enable accurate temperature compensation.
- A push button calibrates the meter.
- A lightweight, high-density polypropylene case is suitable for on-site testing.

## Tool Description

The resistivity meter is a portable device that measures the resistivity of fluid, slurry, and semisolid samples during drilling operations. The electronic meter provides quick and reliable measurements from 0.01 to 10 ohm·m. Conductivity of the sample is obtained by taking the reciprocal of the resistivity measurement.

## Specifications

Brand	Bariod/Fann
Model	653
Measuring range	0.01 to 10 ohm·m
Power supply	22.5-Vdc battery (L4422, Burgess K-15 or equivalent)
Dimension: meter (L x W x H)	6.2 x 3.7 x 3.1 in. (158 x 95 x 80 mm)
Dimension: case (L x W x H)	9 x 7.9 x 3.5 in. (229 x 201 x 89 mm)
Carrying weight	23 oz (0.85 kg)



*The resistivity meter is simple to use and has an easy-to-read display for measuring with confidence.*

