



Resipod Resistivity Meter

The Resipod provides a complete solution for measuring the electrical resistivity of concrete both in the laboratory under controlled conditions and on site. The Resipod includes a variety of features that are unique in a concrete surface resistivity instrument:

- Simple to use
- Fully integrated surface resistivity instrument
- Highest resolution available for a surface resistivity instrument
- Surface resistivity and bulk resistivity test configuration available
- Variable spaced probe version with the automatic connection for sample geometry
- Hold, save and delete functions with on-board memory
- USB connection and dedicated PC software
- Designed to float (waterproof)



Resipod Surface Resistivity Method

This test has established itself as a simple, economical alternative to the ASTM C 1202 Rapid Chloride Permeability test with several clear advantages:

- Faster to perform
- No sample preparation necessary
- Test can be repeated at different ages (28 day, 56 days)
- The same cylinder can be used for compressive strength testing

ResipodLink Software

Any measurement that have been saved on the Resipod can be downloaded for analysis with the ResipodLink software included with all models.

Resipod Geometric Method

Resipod geometric has been designed to comply with the latest research intended to extend the current limits of the AASHTO standards. Resipod geometric is supplied with a variable spacing probe that accommodates to large aggregate sizes. In addition, it allows the user to enter geometric correction factors via the ResipodLink software to give the correct resistivity reading directly on the instrument.

Resipod Bulk Resistivity Method

This method is an alternative method where the sample resistivity is measured between electrical plates placed at either end of the sample. The geometry factor is very simple and the test is rapid to perform, with similar advantages as the surface resistivity test. A Resipod Bulk Resistivity method kit includes everything necessary for carrying out this test on standard 4", 100mm diameter cylinders.

Resipod Technical Information

Resistivity Meter

Range	1 – ca. 1000 kΩcm (depending on probe spacing)
Accuracy (nominal current 200μA)	±0.2 kΩcm or ±1% (whichever is greater)
Accuracy (nominal current 50μA)	±0.3 kΩcm or ±2% (whichever is greater)
Accuracy (nominal current <50μA)	±2 kΩcm or ±5% (whichever is greater)
Display	3½ digit
Frequency	40 Hz AC
Memory	Non volatile, ca. 500 measured values
Power Supply	>50 hours autonomy
Charger Connection	USB type B, (5V, 100mA)
Dimensions	197 x 53 x 69.7 mm (7.8 x 2.1 x 2.7 inch)
Weight	318g (11.2 oz)
Operating temperature	0° to 50°C (32° to 122°F)
Storage temperature	-10° to 70°C (14° to 158°F)

