

Probe and Meter

307263 Rev.F

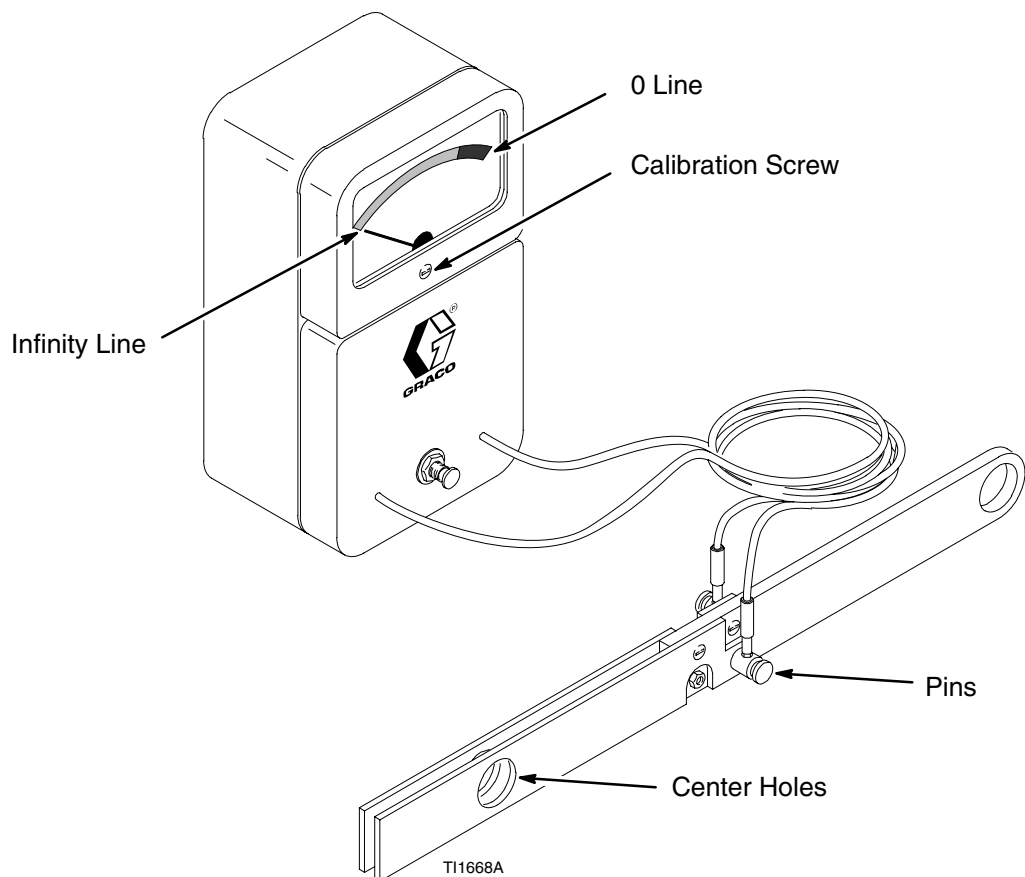
For Measuring Electrical Resistivity

Part No. 722886 Resistivity Megohm Meter

Part No. 722860 Probe



Read warnings and instructions.



Operation



WARNING

This meter must not be used in hazardous areas. All flammable material must be kept in approved, grounded containers.

Solvent Balance for Electrostatic Spraying

The Graco meter and probe measures the resistivity of material. The scale on the ohmmeter is expanded in the low range and is color coded for easy reading.

The best electrostatic results are achieved when the resistivity of the material is above 25 megohms per centimeter.

Color Coding of Scale

Materials with resistivity readings in the green band will give the best electrostatic results.

Materials with resistivity readings in the yellow band will give reduced electrostatic performance. The lower the resistivity reading in the yellow band, the lower the electrostatic performance. Materials with resistivity readings in the lower half of the yellow band should be avoided if possible.

Solvent base materials with resistivity readings in the red band will ground out the charging electrode due to current flow through the material column. The electrostatic effect will be reduced to a low level. Water-base materials can be used with Graco water-base conversion kits and accessories regardless of their resistivity reading.

Operation

Connect the red and black leads of the meter through the pins (one to each side of the probe). Submerge the probe into the material to the center holes of the probes. Press the red button on the lower front center of the meter to get a reading.

After obtaining a reading, clean off the probes with compatible solvent.

Meter

Calibration

Turn the calibration screw until the needle is on the infinity line at the left hand side of the scale.

Testing Batteries

Touch the black and red leads together. With button pressed, the needle should travel the length of the scale, moving to the right, stopping at the 0 line.

Replacing Batteries (Part No. 725369)

If the needle doesn't move all of the way to the 0 line, replace the batteries. Remove the four screws at the front corners of the meter. Carefully lift off the front face of the meter. Remove the three old batteries, and replace them with three new batteries. The batteries must be 30V, type 413 EVEREADY or the equivalent.

NOTE: The meter battery terminals are marked Red for Positive and Black for Negative.

Place the front screw back over the meter and replace the four screws.

All written and visual data contained in this document reflects the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

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PRINTED IN USA 307263 03/1969, Revised 12/2003