

MULTI-FUNCTION ELECTROSTATIC METER

The ITW Ransburg Multi-Function Electrostatic Spray Meter uses one meter to serve multi functions in electrostatic spray finishing. The meter can be used to measure conductivity, paint resistance, short circuit current, resistance, and high voltage. The meter is available in individual kits focused on each function or a deluxe kit, which includes accessories to perform all the functions listed above.

The ITW Ransburg Multi-Function Electrostatic Spray Meter is powered by a single 9V alkaline battery. The solid state circuitry only requires 9V input to power the meter display and condition all the signals from the accessory items.

Meter Scale Ranges:*

kV: 0 to ± 199.9 kVDC

μ A: 0 to ± 1999 μ A

k Ω : 1 to 1999 k Ω (.001 to 1.999 M Ω)

M Ω : 00.1M Ω to 199.9 M Ω

G Ω : .1G Ω to 19.99 G Ω

* **Note:** For readings below 2 M Ω , more resolution can be obtained by using the k Ω scale.

Part #	Description
76652-01	Kit for measuring high voltage. Includes 76634-00 Multi-Function Meter and 76667 High Voltage Probe Assembly.
76652-02	Kit for measuring short circuit current (SCI), resistance and sprayability. Includes 76634-00 Multi-Function Meter and 76664-00 Test Lead Assembly.
76652-03	Kit for measuring paint resistivity. Includes 76634-00 Multi-Function Meter and 7922-00 Paint Probe Assembly.
76652-04	Deluxe kit. Performs all functions listed above. Includes 76634-00 Multi-Function Meter, 7922-00 Paint Probe Assembly, 76664-00 Test Lead Assembly, and 76667-00 High Voltage Probe Assembly.