



# MODELS M1 RETRO and M1/AC

## Low Voltage Holiday Detector "Wet Sponge"

### MODEL M1 RETRO



**AVAILABLE  
FROM STOCK!**

#### Features:

- 67.5v Output
- Calibration Test
- Kit includes sponge
- Canvas carry-all bag
- 9V Battery operated



**Model M1/AC:  
AC Powered  
unit for in-plant  
operations**

Distributed by:

[teststations.com](http://teststations.com)

[detectron.com](http://detectron.com)

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Tinker & Rasor quality is found in our products, our people and our customer service.

# TINKER & RASOR

## PRODUCT DATA SHEET | MODELS M1 RETRO AND M1/AC

### FEATURES:

- Regulated 67.5v Output
- Sponge - type holiday detector
- Push button calibration check
- 2 Resistance settings
  - 80Ω for tanks and pipe
  - 90Ω for coatings on concrete
- Use on thin film coatings
- Non-destructive

### CONSTRUCTION:

- Tough, belt worn case, strong, lightweight wand handle

### APPLICATIONS:

- Use on thin film coatings up to 20 mils) on conductive substrates such as tanks, concrete

### RECOMMENDATIONS:

- Conforms to standards for low voltage holiday detection: NACE International SP0188, TM0384 ASTM D5162-A
- Annual factory calibration recommended

### SPECIFICATIONS:

67.5v D.C. Output  
80 Ω\* Resistance for coating on metal  
90 Ω Resistance for coatings on concrete

(\*factory setting is 80Ω. See Instructions for information on changing setting to 90Ω)

### DIMENSIONS:

M1 Retro Use:  
4.25" x 5" x 2" Case, 1.5 lbs  
(127mm x 101.6mm x 50.8mm, .45kg)  
Shipping: 20" x 5.5" x 4", 3 lbs.  
(508mm x 139.7mm x 101.6mm, 1.35kg)

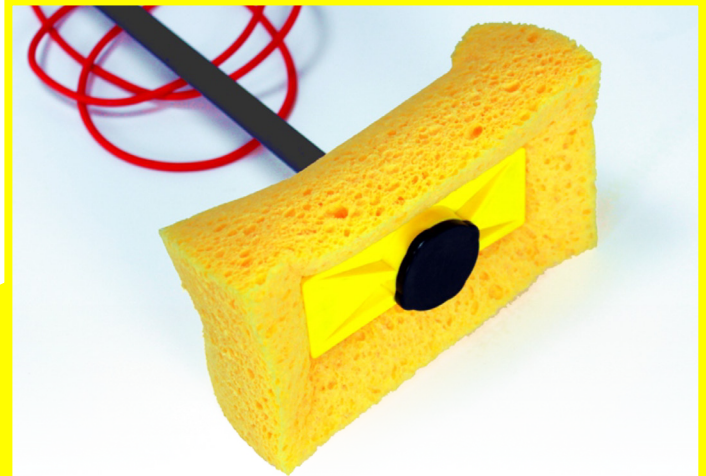
M1/AC Use:  
5.75" x 12.25" x 10", 10 lbs  
(146mm x 311mm x 254mm, 4.5kg)  
Shipping: 14" x 12" x 6", 12 lbs.  
(355.6mm x 304.8mm x 15.24mm, 5.44kg)

**DELIVERY:** **Immediately from STOCK**  
F.O.B. New Braunfels, TX USA

**SERVICE:** **24-hour Turn-Around**

**TERMS:** Net 30 Days, on approval of credit

**WARRANTY:** **90 Days**, parts and labor



New Sponge and Wand materials - Thick sponge material, Very strong, lightweight Wand.



Model M1/AC shown with connection on side of case. AC connection and external alarm connection on back of instrument case. External alarm can be used for audible or visual holiday indicator.

**Custom Electrodes**  
Suitable for internal and external coatings on metal and concrete structures



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