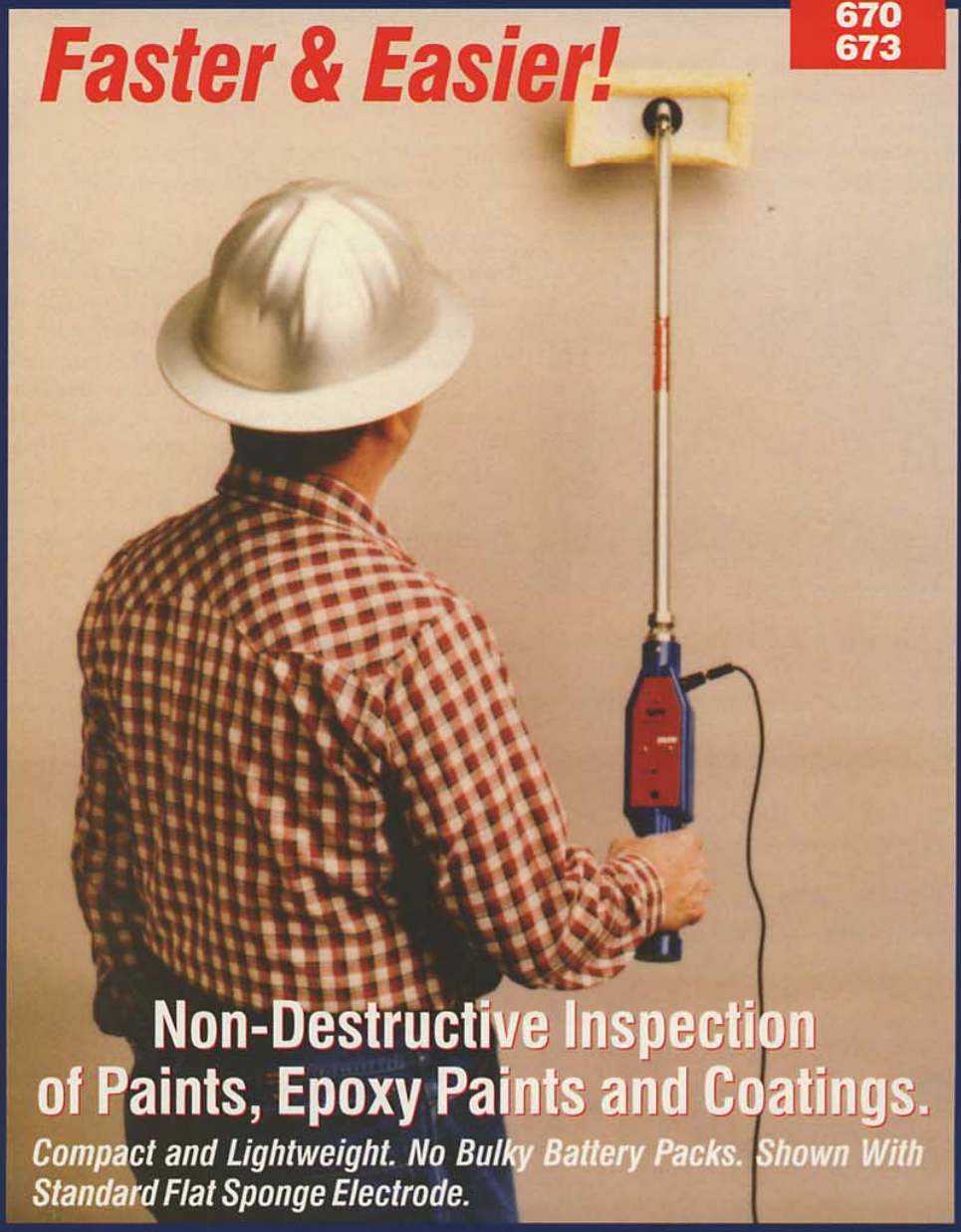
SPY®

WET SPONGE HOLIDAY DETECTORS

MODELS 670 673

Faster & Easier!



Non-Destructive Inspection of Paints, Epoxy Paints and Coatings.

Compact and Lightweight. No Bulky Battery Packs. Shown With Standard Flat Sponge Electrode.

- **Sensitive and Accurate**
- **Inspect More Area**
- **Saves Time and Effort**
- **Rugged, Durable Construction**
- **Uses One Standard 9-Volt Battery**

PIPELINE INSPECTION COMPANY

www.picltd.com

PIPELINE INSPECTION COMPANY, LTD.

SPY® NEW COMPACT MODEL 670

Wet Sponge Holiday Detector

Model 670 with Optional High-Speed Roller Electrode

Faster and Easier, Wet Sponge detectors are compact and lightweight with no bulky battery packs, allowing for non-destructive inspection of paints, epoxy paints and coatings.

Ergonomic Design allows for consolidation of the electronics and battery into a single, lightweight, handheld unit. There is no separate battery case to hang on the operator's belt.

The Model 670 operates on a single 9 volt alkaline battery, readily available at retail stores, housed in the detector handle. Under normal conditions, the battery will have a long life. There is a minimal drain on the battery until a holiday is discovered. Unit output voltage is 67½ volts DC. This voltage makes this detector Sensitive and Accurate. A uniform coating of only one mil of paint or other non-conductive material is sufficient to repel this small current. If a pin-hole holiday is encountered, moisture from the sponge will seep in to create a free path for electrical flow, activating the signal horn.

For coatings from 1 mil up to 10 mils thick, ordinary tap water can be used to wet the sponge. Above 10 mils, for coatings of 11 to 20 mils thickness, a non-sudsing wetting agent (such as Kodak Photo-flow R*) is recommended to increase the ability of the moisture to swiftly make its way through pin-holes in the thicker coating.

The Model 670 is lightweight and easy to handle. The electrode wand assembly is easily inserted into the unit and secured.

Since the working voltage is quite low, a direct connection from the ground cable to the conductive metal under the coating must be made. A trailing groundwire will not suffice.

Inspect more area faster. A revolutionary roller sponge electrode is an optional accessory for the Model 670. With this roller sponge electrode, coating inspections move along faster and with less operator fatigue.

MODEL 673

Wet Sponge Holiday Detector for Plant or Stationary Operations

The Model 673 Wet Sponge Holiday Detector for Plant or Stationary Operations is highly sensitive and accurate. A uniform coating of only one mil of paint or other non-conductive material over a metal surface is sufficient to repel a small current flow. If a pin-hole holiday is encountered, moisture from the sponge will seep into the hole and create a free path for electrical flow, activating the signal horn. For coatings 1 to 10 mils thick, ordinary tap water can be used to wet the sponge. For coatings of 11 to 20 mils thickness, a non-sudsing wetting agent (such as Kodak Photo-flow R*) is recommended to increase ability of the moisture to swiftly make its way through the pin-holes.

- Regulated Output Voltage
- Internal Light & Signal Horn
- 80K - 100K Test Buttons
- Meets NACE Standards
- (2) 120 Volt A.C. Power Sources for Remote Signal or Control Devices.

Worldwide Availability: Pipeline Inspection Company has a worldwide distributor network to ensure that detectors are available where and when needed.

PIPELINE INSPECTION COMPANY, LTD.

P.O. Box 55648 • Houston, Texas 77255-5648 • 1919 Antoine • Houston, Texas 77055
PH: (713) 681-5837 • FAX: (713) 681-4838
See our complete product line on the Internet at www.picltd.com

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