

**SG15-1150 M**  
**SG25-1150 M**



***HV Cable Fault Locating System***  
***Fully Self Contained***



***Easy!***  
***Quick Steps Mode***  
***Automatically Locates***  
***Distance to Cable End***  
***and Fault***

***Powerful!***  
***1150 Joules of Energy***  
***in **Both** the Low and***  
***High Voltage Modes***

***THE Standard for URD Fault***  
***Locating***

## Technical Specifications SG15-1150 M & SG25-1150 M

HDW's new **M series** thumpers, the SG15 or SG25 are self contained, full-featured fault locating systems. Features include our ARM® filter and the **T 3050**, our newest 10.5" screen Color **Automatic Radar**. Also featured is a **Switchable Capacitor**, this allows full energy output, 1150 Joules, at both 50% and 100% of the rated output voltage!

### Impulse Generator (Thumper)

#### Modes of operation:

- Arc Reflection Method (ARM®)
- Surge Pulse (optional)
- Direct Surge (thump)
- DC-HV Proof Test and Burn

#### Energy Output:

- 1150 Joules @ 7.5 and 15 kV (SG 15)
- 1150 Joules @ 12.5 and 25 kV (SG 25)
- DC Hipot: 0-15/ 0-25 kV continuous
- Burn Current: 14mA / 28 mA max

#### Key Features:

- Single Shot thump in ARM®
- kV Voltmeter (optional mA Current Meter)
- 7 sec thump cycle @ max. output voltage
- Automatic Cable Grounding
- Built in ARM® Filter
- Single Point Safety Ground

#### Input Power:

- 12V Deep Cycle Marine Battery, rechargeable
- Alternative 120V/60Hz AC

#### Mounting and Connecting Cables:

- Mounted on heavy duty dolly\*
- Enclosure: Stainless Steel NEMA 12
- 50 feet HV hook up Cable w/ Vice Grips
- (elbow adapters for hot stick use available)

**Weight:** 190 - 230 lbs

*\*Custom mounting & truck configurations available, please contact factory*

### T 3050 (Radar)

#### One Button Operation

#### Operation Modes:

##### **Quick Steps™**

- No radar adjustment required
- Automatic fault distance location
- Automatic "short" or "open" assessment

##### **Step-by-Step Easy Mode**

- Unique on the job / on-screen tutorial

##### **Full Feature**

- User control of all features for optimum results

##### **Sectionalizing\*\*** (optional)

- Automatic sectionalizing in loops

##### **Surge Pulse** (optional)

- Impulse/Current fault locating

#### Measuring Range:

- Cont. from 0 ft to 25,000 ft or 100,000 ft

#### Screen:

- Color LC-Display, 10.4" diagonal, 900 nits
- Hi-Brite for unsurpassed outside visibility

**Input Power:** 100-240V , 50-60 Hz  
(supplied by thumper)

*For further details please see separate flyer for T3050*

\*\* Sectionalizing, Patent No. US 6,683,459 B2

ARM® is a Trademark of HDW Electronics, Inc

Quick Steps™ Trademark has been applied for

HDW Electronics Inc., 89. S. Commerce Way  
Suite 940, Bethlehem PA 18017

Tel: (610) 861-8862 • Fax: (610) 861-8864

Internet: [www.hdwelectronics.com](http://www.hdwelectronics.com)

E-mail: [sales@hdwelectronics.com](mailto:sales@hdwelectronics.com)

Subject to changes without notice

Your Local Representative is: