



**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

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Your Local Representative is: