

SMART-THUMP™*



The Fault Locating System that Operates like a Thumper

- **Simple one button operation**
- **Automatic test sequence to proof test, prelocate and pinpoint**
- **The *only* fault locator that *interprets* the results of the test sequence**
- **No user adjustment required**
- **Alphanumeric display of distance to the cable open and the fault**
- **Control everything from one convenient, weatherproof, easy to use console.**
- **First portable unit to verify correct lead connections**

The *Smart* Choice For Fault Locating

Technical Specifications: *Smart-Thump*

The Smart-Thump™* is a fully integrated underground cable fault locating system that requires less training than a traditional thumper because it is the **only** fault locator intelligent enough to interpret the results of the initial test sequence. Single push button operation allows the fault locator to proof test, prelocate, and pinpoint the fault from one convenient control console. The unit automatically sets the thump voltage to minimize the stress applied to the cable. The Smart-Thump features an automatic safety check to verify the correct connection of the high voltage and safety leads. This is the first and only fully automatic fault locator on the market.

Impulse Generator (Thumper)

Modes of Operation:

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

Energy Output:

1150 Joules @15 kV
Proof Test: 0-15 kV continuous
Burn Current: 23mA max

Key Features:

Single Shot thump in ARM®
Built in ARM® Filter
Simple push button operation
8 sec. thump cycle @ max. output
Automatic Cable Grounding
Single Point Safety Ground
No adjustments required

Weight: 230 lbs.

* Smart-Thump is an applied for trademark of HDW Electronics, Inc.

Power Options:

12V Deep Cycle Marine Battery, rechargeable ("Smart" recharger included)
External 12V DC Charger or
120V/60Hz AC Operation

Mounting and Connecting Cables:

Mounted on heavy duty dolly*
Enclosure: Rain tight stainless steel
50 feet GRD/50 feet HV hook up Cable w/ Vice Grips
(elbow adapters for hot stick use available)

Smart Features:

Alphanumeric display of cable length and fault distance
Entirely automatic test sequence includes proof test, prelocate, and pinpoint
Smart-Thump automatically interprets the test sequence to inform the user of the nature of the fault
F-ohm feature ensures that all cable hook-ups are correct and safe
Thump voltage is automatically adjusted

*Custom mounting configurations available including truck mounted units

Your Local Representative is:

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