



The fast and convenient solution for immediate **on-site fault location** in **one compact fault location device**

Benefits

- **Extremely easy operation**
- **Prelocation and pinpointing in one small unit**
- **Available as 4 or 12 kV version**
- **Transflective colour display**
- **Integrated battery**

Benefits

The EZ-Thump is a compact and lightweight, battery- or AC-operated fault location system for LV and MV Cables. It is the perfect complement for a satellite-based fault location concept in outlying areas with both lower population density and fault rate, where speed, easy operation, weight, and economics are the driving factors. This unit requires absolutely no adjustments and is operated via rotary control knob.

Connect it, switch it on, and prelocate the fault without having to make any settings. This fully automatic unit allows even inexperienced and only occasional users to locate faults without specific training being necessary.

The result is automatically displayed on the transflective color 5.7" LCD as graphical trace and numerical value with the distances of the cable end, fault position and joints. The display shows the comparison of the ARM reference and fault trace.



The EZ-Thump provides acoustic pinpointing with the integrated 500 J surge generator as well as DC for breakdown detection, insulation measurement and cable testing.

The pulsed output voltage makes sheath fault location possible via the step voltage method. All functions are contained in a contained in a small unit with integrated battery for immediate use without connection to the mains.

As an inexpensive satellite system, the EZ-Thump is the ideal solution for fast, ad hoc fault location, without being necessary to have a large fault location system on site.

For more information please visit www.sebakmt.com/ez-thump

Technical data

Test voltage	0 ... 12 kV or 0 ... 4 kV
Insulation Measurement	Integrated
Surge voltage	0 ... 12 kV or 0 ... 4 kV
Surge energy	500 J @ max. voltage
Breakdown detection	Automatic
Display	Transflective 5,7" LCD
Pre-location method	ARM, automatic (inductive)
Supply	110 ... 230 V and battery 24 V / 5 AH
Operating time battery	NiMH > 30 min (pinpointing)
Connection leads	5 m
Dimensions W x H x D	355 x 280 x 533 mm
Op. temperature	-20 °C ... +50 °C
Weight	32 kg

Applications

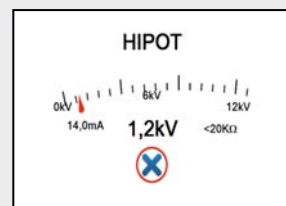
- Fault location in low voltage networks
- Fault location in medium voltage networks
- Fault location for street lighting
- Sheath fault pinpointing
- DC low voltage testing (4 kV version)
- DC medium voltage testing (12 kV version)

All benefits at a glance

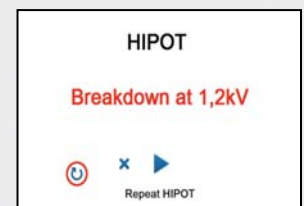
- Very easy to operate
- No user settings required
- Easy and Expert Mode
- Direct display of all important data
- Small and portable
- Sturdy and weatherproof for outdoor use
- USB upload/download interface
- Can be carried in any car
- Battery operation

Products

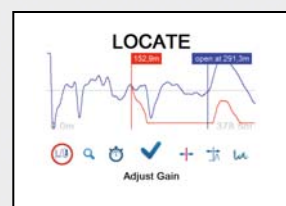
- EZ-Thump fault location system, 5.7" color LCD 4 kV
- EZ-Thump fault location system, 5.7" color LCD 12 kV
- Sectionalizing option (auto transformer and joint detection)



Test Result



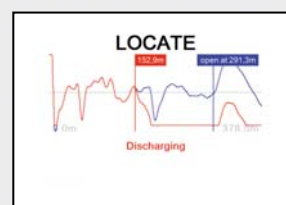
Test Display



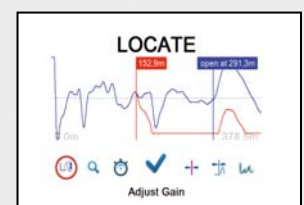
ARM Easy Mode



Sectionalizing Mode



Expert Mode



Expert Mode