



## EZ-Thump

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

### Benefits

- ▶ **Easiest operation**
- ▶ **Prelocation and pinpointing in one small unit**
- ▶ **Available as 4 or 12 kV version**
- ▶ **Transflective color sun readable display**
- ▶ **Automatic cable end & fault detection**

### Functional description

The EZ-Thump is a compact and light weight, battery or AC operated fault location system for LV and MV Cables. It is ideally suited for use in a "satellite" fault location concept for out-laying areas with a lesser fault frequency, when speed, simple operation, weight and economics are the driving factors. Unit requires 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.

The result is automatically displayed on the transflective color 5.7" LCD as graphical trace and numerical value with the distance, 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.

Everything is 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 the requirement, to have a large fault location system on site.

### All benefits at a glance

- ▶ Very easy to operate
- ▶ No user adjustments
- ▶ Easy- and expert mode
- ▶ Direct display of all important data
- ▶ Small and portable
- ▶ Sturdy and weatherproof for outdoor use
- ▶ F-Ω assures user's safety
- ▶ USB up- & download Interface
- ▶ Can be carried in any car
- ▶ Battery operation

### Applications

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

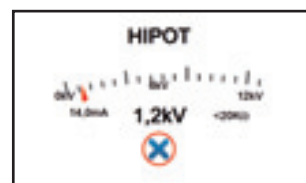


### Technical data

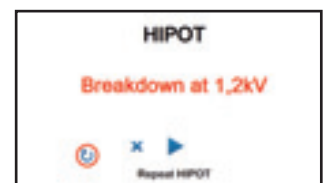
Test voltage	0 ... 12 kV, or 0 ... 4 kV
Insulation Measurement	Integrated
Surge voltage	0 ... 12 kV, or 0 ... 4 kV
Surge energy	500 J @ max. voltage
Breakdown detection	Automatic
Display	Transflective 5.7" Color LCD
Pre-location method	ARM, automatic (inductive)
Supply	110 ... 230 V and Batt. 24 V / 5 AH
Operating time battery	NiMH > 30 min (pinpointing)
Safety	Integrated F-Ω
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

### Products

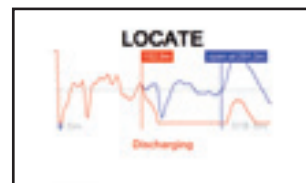
- ▶ EZ-Thump Fault location system, 5.7" Color LCD 4 kV
- ▶ EZ-Thump Fault location system, 5.7" Color LCD 12 kV
- ▶ Sectionalizing option (Auto transformer and joint detection)



**Test Result**



**Test Display**



**ARM Easy Mode**



**Sectionalizing Mode**



**Expert Mode**



**Expert Mode**