

# LLT Live Line Testers

## Features:



The Live Line Tester Kits (LLT) have been specifically designed to perform measurements for both live voltage testing and phasing on overhead lines, in substations and within switchgear compartments.

Every kit includes all necessary components to effectively carry out these tests. Individual kits are available for system voltages of 3.3kV, 6.6kV, 11kV, 13.8kV and 33kV (50/60Hz).

The lower voltage versions are predominantly used in Universities and Hospitals while the higher voltage kits are more suitable for work on high voltage power lines. The equipment has been designed to operate within the temperature range: -25 °C to +55 °C.

Designed to comply with the requirements of IEC1243 part 2, the LLT uses long established techniques for high voltage measurement. All readings are displayed on an analogue meter, the housing of which can be rotated through 240 degrees to ensure a perfect viewing position.



Overhead Line Testing

- All in one kit
- Up to 33kV voltage testing
- Overhead lines phasing
- Proven in the field world-wide
- High reliability
- Lightweight and easy to transport
- Robust heavy duty case
- -25°C to +55°C operating temperature range
- Self test facility
- Shock & drop resistant

A battery-operated proving unit allows the equipment to be tested before and after measurements have been made and can also be used to check full scale deflection on the meter. Adaptors are available to allow Bowthorpe Rods to be connected for testing of raised conductors and a Repeater Station can be supplied to replicate meter readings at ground level. Space is reserved in the carry case for such accessories.

All components are housed within a heavy duty carry case with secure compartments. Manufactured using high quality fiberglass, rods and polycarbonate mouldings, the equipment is suitable for both indoor and outdoor use, including wet conditions.

Each kit comprises of the following: Live line tester with earth lead, Phasing rod with phasing lead, 2 extension rods, 2 bent end adaptors, 2 overhead line adaptors, Proving Unit with batteries, Polymer Cleaning Kit, and Instruction manual.



LLT-11KV Carry Case

Note: Due to the company's continuous research programme, the information above may change at any time without prior notification.  
Please check that you have the most recent data on the product.

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# Live Line Tester kit details

Tester	3.3kV	6.6kV	11kV	13.8kV	33kV
Resistor Chain	22.5MΩ	52.5MΩ	75MΩ	100MΩ	225MΩ
Measuring	5kV	10kV	15kV	20kV	40kV
Range Accuracy	±5% FSD				
Movement	100uA TB				
Length with handle	1025mm	1025mm	1025mm	1025mm	1200mm
Weight:	1.4kg	1.4kg	1.4kg	1.4kg	2.3kg



## Phasing Rod 3.3kV 6.6kV 11kV 13.8kV 33kV

Resistor Chain	22.5MΩ	52.5MΩ	75MΩ	100MΩ	225MΩ
Length	1025mm	1025mm	1025mm	1025mm	1200mm
Weight:	1.4kg	1.4kg	1.4kg	1.4kg	1.6kg

## Extension Rods All versions

Length	907mm
Weight:	0.65kg



## Bent End Adaptors All versions

Length	675mm
Weight:	0.27kg



## Proving Unit Voltage Output 3 to 5kV

Dimensions	185 x 145 x 120 mm
Weight:	1.6kg



## Overhead Line Adaptors All versions

Height	100mm
Weight:	0.08kg



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