

## CARL Crossarm Leakage Detector



**CAT NO: CARL-1000**

The CARL Crossarm Leakage Detector has been designed in the UK for the purpose of checking leakage current on crossarms or metalwork on unearthed overhead line systems up to 11kV. With the attachment of standard operating rods the CARL can easily be hooked on to a crossarm to enable a safe means of ascertaining if the metalwork is energised due to leakage current through breakdown of the line insulators.

The CARL instrument consists of:

- A 910mm long foam filled fibreglass test rod with two screened banks of resistors and two 11kV switching relays. The test rod has a 250mm aluminium hook with a 180mm opening to accommodate all sizes of crossarm or metalwork. The test rod incorporates a male socket. It can also be used on sub-station busbars
- An 18 metre length of coaxial cable with one female and one male socket. The cable is insulated to withstand 15kV for 3 metres of its length from the female socket
- A 2 metre length of earthing cable with a male socket one end and a heavy duty clamp on the other
- An electronic unit in a robust instrument case, incorporating a digital display to provide 'Test', 'Pass', 'Fail' or 'Batt' indications

Full operating instructions are provided with each instrument.

## Edgcumbe 11kV Crossarm Leakage Detector Kit

**CAT NO: LLT-F0256B**

The Edgcumbe Live Line Tester Crossarm Leakage Kits have been specifically designed to perform leakage measurements on unearthed pole crossarms on systems up to 15kV. The kit can also be used on busbars in sub-stations.

Made from high quality fibreglass rods and polycarbonate mouldings, suitable for outdoor use.

Tester is scaled 0 – 15kV. Effective scale resolution from approximately 200V to 15kV.

Complies with IEC1243 Part 2.

Readings displayed on an analogue meter, the housing of which can be rotated through 240°.

A battery operated proving unit allows the equipment to be tested before and after measurements have been made.

The kit includes a live line tester with handle and earth lead, overhead line adapter, proving unit with batteries, polymer cleaning kit, instruction manual, operating rod adapter with 12m earth lead and hard carry case.

