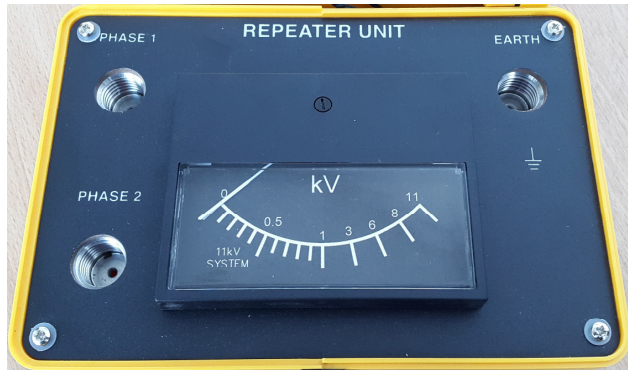


	<p align="center">Live Line Tester Model: 0-11kV Log Scaled Cross Arm Leakage Kit</p>
<p align="center">Edgumbe</p>	

Introduction

The Live Line Tester Cross Arm Leakage Kits have been specifically designed to perform leakage measurements on unearthed pole cross arms on systems up to 11kV, and can also check for dry banding on wooden poles. The kit includes all necessary components to effectively carry out these tests. All components are housed within a heavy duty soft carry bag with secure compartments. Made from high quality fibreglass rods and polycarbonate mouldings the equipment is suitable for outdoor use. The equipment has been designed to operate within the temperature range:-25°C to +50°C.



On an 11kV System the Phase to Earth Voltage will be 6.35kV. However where ASC (Arc Suppression Coils) is employed and a fault exists a system voltage of just over 11kV can appear on the Crossarm. The Cross Arm Repeater Unit is designed with a Log Scale, with 11kV at the Scale End Point (FSD \approx 12kV) and 1kV in the centre of the scale, with the minimum scale point of 100V to enable ease of measurement under 1kV.

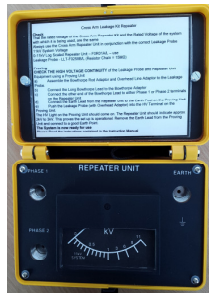
The Cross Arm Leakage Kit provides for the use of a Bowthorpe Rod Adaptor fitted to the Leakage Probe to allow standard Bowthorpe Poles to be attached. This will extend the reach of the Probe to enable the Cross Arm to be reached from the ground Any leakage detected will be indicated on the Repeater Unit scale.

	<p>Each kit comprises the following ;</p> <ul style="list-style-type: none"> • 0-11kV Log Scaled Repeater Unit c/w Earth Lead • Leakage Probe • Overhead line adaptor • Proving Unit with batteries • Polymer Cleaning Kit • Instruction manual • Bowthorpe Rod Adaptor c/w 12m lead • Soft Carry Case
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LLT 0-11kV Log Scaled Cross Arm Leakage Kit



Cross Arm Leakage Kit in use.



0-11kV Log Scaled Repeater Unit	11kV System
Resistor Chain	15MΩ(±5%)(in Probe)
Measuring Range	0-11kV
Accuracy	±5% FSD
Movement	100μA
Dimensions:	185 x 145 x 120 mm
Minimum Scale Point	100V



Leakage Probe

Leakage Probe	11kV System
Resistor Chain	15MΩ
Length:	1025mm
Weight:	1.4kg



Proving Unit	
Voltage Output	Approx 2 - 4kV output
Dimensions:	185 x 145 x 120 mm



Over Head Line Adaptors	
Height:	100mm
Weight:	0.08kg



Bowthorpe Rod Adaptor	
Length:	360mm
Weight:	0.62kg
Connection Cable:	12m fitted with screw in plug connection each end

High Voltage Instruments Ltd policy is one of continuous development and hence we reserve the right to change specification / design without prior notice



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