

# T120A - Victor Insulation Tester

# Data Sheet

- 13kV Insulation tester
- 15kV Voltage indicator
- Self contained and Portable
- Order code: 52365986



## Description

Faults on high voltage distribution networks account for the greatest proportion of lost consumer hours owing to prolonged restoration times exacerbated by requirements of safe working and lack of voltage indication

The T120A Victor is an easy to use, portable, dual purpose insulation tester and high voltage indicator designed specifically to meet the demand from distribution engineers for a live line tester that can be inserted into isolation spouts of indoor metal clad 6.6kV and 11kV switchgear.

## Additional Features

- Safety key interlock
- Battery state indicator
- Rechargeable battery



Leaders in Utility Instrumentation

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## Specification

### Insulation Tester Output Voltage

13kV  $\pm$  10% with negligible ripple of 40V p-p (max)

Safety interlock prevents the HV from being accidentally activated

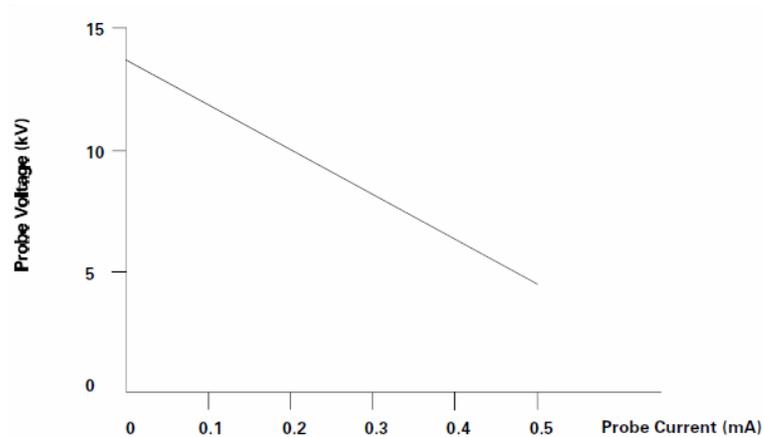
### Output Voltage Polarity

Negative with respect to earth

### Maximum Short Circuit Current

0.75mA  $\pm$  10%

### Voltage Regulation



### Illuminated Meter Scale

0-15kV with  $\pm$ 6% accuracy on DC and  $\pm$ 10% on AC

### Operating Time

15minutes as a voltage generator

5 hours as an illuminated voltage indicator

Use of a spare battery doubles these times

### Internal Removable Battery

Rechargeable Lead Acid 24V

### Weight

3.2kg (including 2.2meter earth lead)

### External Battery Charger

230v 50/60 Hz

### Normal Charge

Nominal 30mA. Full recharge in 16 hours

### Manually selectable Trickle Charge

Nominal 6mA

### Safety - Main Unit

Approved by ERDC Capenhurst UK Report No. TT018/6

### Safety - Battery Charger

Complies with Low Voltage Directive 73/23/EEC as modified by Directive 93/68/EEC

### Delivery Includes

Victor instrument, internal battery, battery charger, carry bag, operating manual.

### Warranty

1 year

