2 Specification

Maximum Working Voltage	1100V DC
Threshold Voltage	200V AC / 300V DC
Operating Current	<10mA DC at Max Working Voltage
Indicator	High Intensity LED with Polarising Filter
Handle Length	153mm
Overall Length	195mm
Handle Diameter	20mm
Probe Tip Length	38mm
Hand Guard Height	27mm Over Full Circumference
Distance from Uninsulated Probe Tip to Handguard	138mm
Uninsulated Contact Electrode Length	5mm
Contact Electrode Diameter	3mm
Lead Length between Probes	1.7m Double Insulated Cable
Construction	High Impact, Total Encapsulation
Compliance	BS EN 61243-3:1999 Voltage Class B

3 Maintenance

Clean only with a dry cloth; do not use solvents.
Before use, ensure unit is clean and dry; visually inspect test terminals and case. Any damage must be rectified to preserve user safety.

4 Service and Calibration

To maintain the specified performance, the instrument must be verified at regular intervals by either the manufacturer or an authorised Seaward Service Agent. We recommend a calibration period of one year.

For help or advice on Service and Calibration contact:

Service Department
Seaward Electronic
Bracken Hill
South West Industrial Estate
Peterlee
Co. Durham
SR8 2SW
England
Tel: +44 (0) 191 587 8739 / +44 (0)191 587 8737
Email: service@seaward.co.uk
Web: www.seaward.co.uk

LLT Live Line Tester

Operating Instructions

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www.seaward.co.uk
sales@seaward.co.uk
service@seaward.co.uk

Part Number 114A556 Revision 1

Limited Warranty & Limitation of Liability

SEAWARD Electronic Limited Guarantees this product to be free from defects in material and workmanship under normal use and service for a period of 1 year. The period of warranty will be effective at the day of delivery.

Due to a policy of continuous development SEAWARD Electronic Limited reserves the right to alter the equipment specification and description outlined in this publication without prior notice and no part of this publication shall be deemed to be part of any contract for the equipment unless specifically referred to as an inclusion within such contract.

DECLARATION OF CONFORMITY

As the manufacturer of the apparatus listed, declare under our sole responsibility that the product:

LLT LIve Line Tester

To which this declaration relates are in conformity with the relevant clauses of the following standard:

BS EN 61243-3:1999 Voltage Class B
Two pole

BS EN 61326:1998
Electrical equipment for measurement, control and laboratory user-EMC Requirements

Performace: The instrument operates within specification when used under the conditions in the above standards EMC and Safety Standards.

The product identified above conforms to the requirements of Council Directive 89/336/EEC and 73/23 EEC.

Seaward Electronic Ltd. is registered under BS EN ISO9001:2000 Certificate No: Q05356.

1 Important Information

These operating instructions are intended for the use of adequately trained personnel.

Before use, ensure that the Live Line Tester is clean and dry; visually inspect all parts. Any damage must be rectified prior to use.

Never hold a Live Line Tester between the handguard and the contact electrode.

Always prove the Live Line Tester before AND after use.

1. **Holding the Live Line Tester by the handles, above the handguards, connect the instrument to a Seaward PH3-LLT proving unit and verify that the LED indicators are illuminated.**

2. **Holding the Live Line Tester by the handle, above the handguards, place the contact electrodes in contact with the circuit under test.**

3. **If the LED indicators are illuminated there is a voltage greater than the threshold voltage present at the probe tips.**

4. **If the LED indicators do not illuminate any voltage present at the probe tips is less than the threshold voltage.**

5. **Repeat step 1 above to verify that the instrument is still operational.**