

AGL-5 Airfield Ground Lighting Tester

Operating Instructions



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Part Number 374A550 Revision 3.1
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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.

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1 Important Information

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

Before use, ensure that the AGL-5 tester is clean and dry; visually inspect all parts. Any damage must be rectified prior to use.

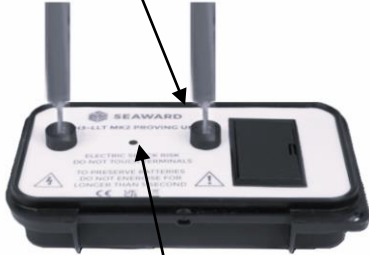
Never hold an AGL-5 Tester between the hand-guard and the contact electrode.

Always prove the AGL-5 Tester before AND after use.

- 1. Holding the AGL-5 tester by the handles, behind the handguards, connect the instrument to a Seaward PH3-LLT MK2 proving unit and verify that the LED indicators are illuminated.**
- 2. Holding the AGL-5 tester by the handles, behind 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.**

2 Proving

- Connect the one probe to the left terminal.
- Connect the other probe to the right terminal.
- Press the probe down on the right terminal and the switch will be activated to energise the contacts.



- Confirm that the LED illuminates indicating the test voltage is active.
- Confirm that the LED indicators in the AGL-5 illuminate.
- Disconnect both probes from the proving unit.

3 Specifications

Maximum Working Voltage	5000V AC/DC
Threshold voltage	50V AC / 70V DC
Operating Current	<3.5mA AC/DC at max working voltage
Indicator	High intensity LED with polarizing filter
Handle length	160mm
Overall Length	530mm
Probe tip length	38mm
Hand guard height	>10mm over 70% circumference
Length of insulation between contact electrode and hand-guard	574mm
Un-insulated contact electrode length	5mm
Contact Electrode diameter	3mm
Lead length between probes	0.8m triple insulated cable
Construction	High Impact, total encapsulation
Compliance	BS EN 61243-2:1998

4 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.

5 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
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