

# Instruction Manual

## Static Locator

(SL1302)



**Registered at Cardiff No. 2933918**  
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## Introduction

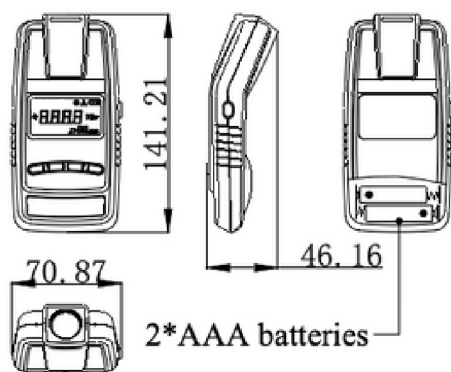
Thank you for purchasing a Static Locator. Please read this instruction manual in great detail before operating the device. Keep this manual readily accessible for later reference.

## Description

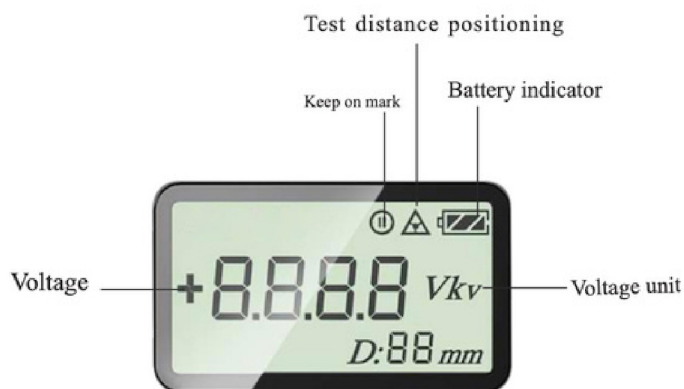
The SL1302 Static Locator is a test instrument developed to detect the electrostatic voltage on the surface of electrostatic objects. It uses non-contact measurement technology to influence the electrostatic field of the surface of the object. Minimised to ensure the accuracy of measurement, the static locator can be widely used in electronics, plastics, chemicals, printing, optoelectronics and other industries. All test instruments are manufactured to the very highest quality allowing qualification to council directives 89/336/EEC.

Properties	Value
Detection range (KV)	0.01-±20.00
Exterior colour	Black shell, grey key
Detection accuracy	±10%
Detection distance	25mm±1.0mm
Input voltage	DC3V(2*AAA)
Working current	<100mA
Power off	Press and hold the power button for 3 seconds or 180 seconds to automatically power off
Working temperature	-18°C→+50°C
Working humidity	0-85%RH
Dimensions	141 x 71 x 38mm (LxWxH)
Net weight	146g (including: 2 batteries)
Gross weight	359g±20g (including: 4 batteries and packaging accessories)

## Product Size Chart



**Panel Function Introduction**



## Installation Guide

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### 1. Install the battery and switch on/off:

First open the battery cover on the back of the static locator and put in 2xAAA standard batteries in the package. Press switch button to open. See the picture above for details.

### 2. Preparation before testing:

In order to ensure the normal use of the static locator, first confirm that the three-segment power display on the display screen is marked as full (or enough power) and the parameters reading on the screen are clearly visible. Check whether the various function buttons can be used normally. See the display function diagram for details.

### 3. Detecting static electricity on the surface of the object:

When using, the static detection window of the meter should be parallel to the surface of the object to be measured, and 25mm which is the standard detection distance should be kept away from the surface of the object to be measured. It is recommended to use a ruler for distance calibration if conditions permit. After measuring the data, data hold button can be pressed to keep the measured data on the display. Press the data hold button repeatedly to resume the detection status.

#### Warning

The meter should be gradually approached to the surface of the charged object from far to near during detecting. Do not continue to be approach the charged object when the detection value reaches the range limit in order to avoid electrostatic discharge damage to the static meter.



## Maintenance

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1. Please store the equipment in a dark place when not in use in order to ensure the performance of the product.
2. Please replace battery when display is low in order to ensure the accuracy of the test data.
3. The equipment is a precision detector and should not be strongly shaken during use.

## After-Sale Service

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1. The electrostatic voltage test form undergoes rigorous testing and aging treatment before leaving the factory. The performance fully meets the standards written in the user manual.
2. Warranty: Within one year from the date of purchase, the company may replace any parts that have been inspected by the company.

### However, this warranty does not apply to the following:

- (1) The device was used incorrectly;
- (2) Inadvertent or accidental damage during use;
- (3) Self-modification, disassembly, or repair by other service departments not authorised by Bondline.

3. Bondline Electronics Ltd does not assume any obligations related to this and the related responsibilities of product users, except for repair or replacement of parts within this regulation.