

# Model ES-100V EMI Locator

## High Speed Spike Noise Sensor / Electro Static Discharge Detector



### **Application as the Electrostatic Discharge Detector:**

- Simple judgment on the electrostatic preventive effects of MOS-IC pallet, container case, bags, etc.
- Check of the effects of electrostatic preventions in use.
- Confirmation of incorrect operation of electronics apparatus due to electrostatic discharge.
- Control of electrostatic in various powers or semiconductors manufacturing or electronic apparatus assembling process.
- Prior check for explosion due to electrostatic charge.
- Check for electrostatic charge on the human body and control of various electrostatic charge removing equipments.

### **Application as the High Sensitivity Spike Noise Sensor:**

- Search for the route of ingress of high frequency noises.
- Judgment of the effects of the cabinet structure, shield or noise filter.
- Examination of the noise distribution in electronic apparatus.

## Specifications:

1. Antenna input level:  
Two levels at antenna terminal  
Lo: 5mV (74dB)  
Hi: 120mV (102dB)
2. Antenna  
Rod type 25mm long
3. Out put  
HI/LO 2 levels display by read color LED lamp
4. Out put hold time  
1 second at automatic mode
5. Out put reset  
Automatic or Manual
6. Battery  
Lithium Battery (BR-1/2A) 2 pcs  
Around 100 hours
7. Battery check  
Voltage check by red LED lamp
8. Dimensions  
96mm (H) X 61mm (W) X 23mm (D)
9. Weight  
90 g including Battery
10. Options  
#Model15302 50mm Rod Antenna  
#Model15303 10cm Rod Antenna  
# Lithium Battery (BR-1/2A)



## GAIN ADJUSTMENT



## HI / LO Alarm Red LED Lamp

## Reset Switch

## Auto Reset ON/OFF Switch

## Buzzer ON/OFF Switch



## Power Switch

## Battery Check