

# Automatic ESD Tester with Ultra-low Parasitic Inductance & Capacitance

# ESD Tester



HED-S5000R series

Conforms to JEDEC, ESDA, JEITA standards

## Testing under any world standard is possible

This system's uniquely short discharge circuit is made possible by its original mechanical design. The short circuit minimizes the influence of inductance and capacitance on the data. Further, the use of a single circuit ensures data stability for each device pin tested.

## Features

### ◆ Single discharging circuit

New, specialized mechanical GND setting  
Ultra-low parasitic inductance & capacitance

### ◆ Max 256 pins

### ◆ Can be used with various standard waveforms

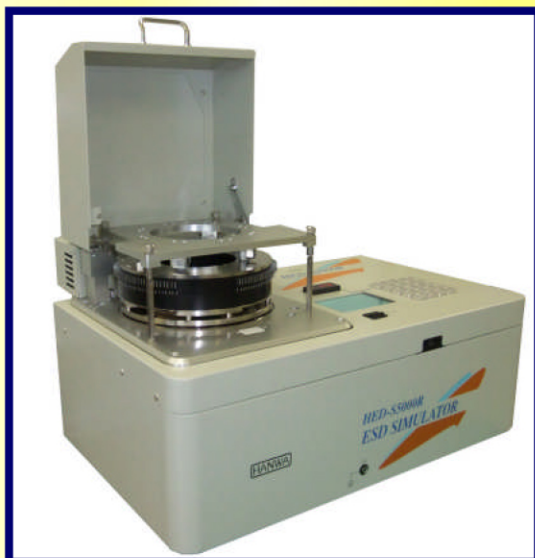
This high-quality system conforms to a number of international standards, including JEDEC, ESDA, AEC, and JEITA.

### ◆ Can be used with latch-up testing

### ◆ Easy and reliable operation

Much shorter testing procedure

## Auto-test system



**HED-S5000R Outline**

### <Judgment Methods>

Variable quantity : relative to initial current  
Absolute quantity : threshold e value

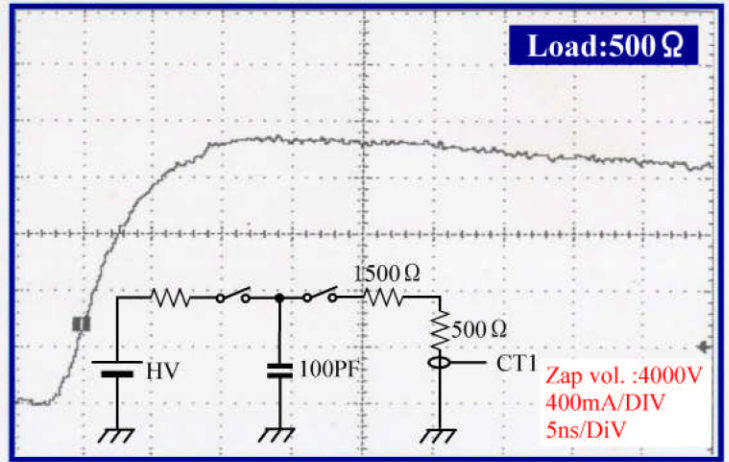
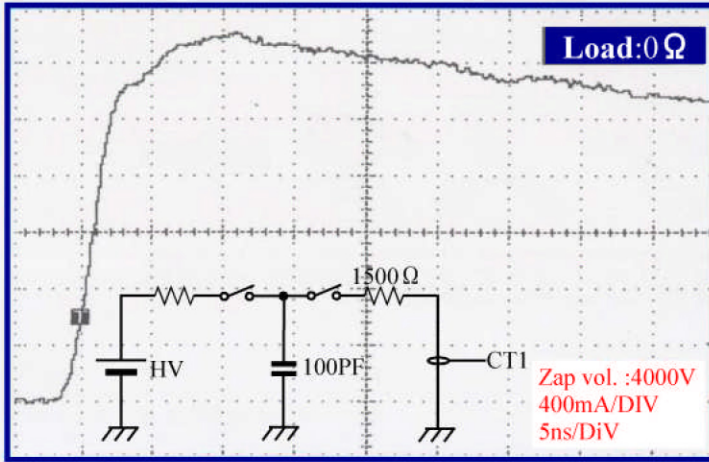
### <Current Leak Measurement>

Measurement voltage  $V_f$  can be set for up to 20 points per table.

Data can be displayed in a list (volume per  $V_f/I_f$ ) or graph.

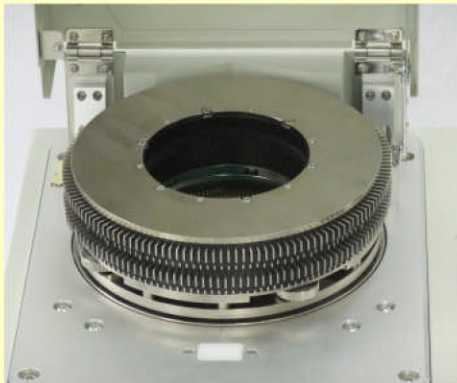


## Discharging waveform(HBM)

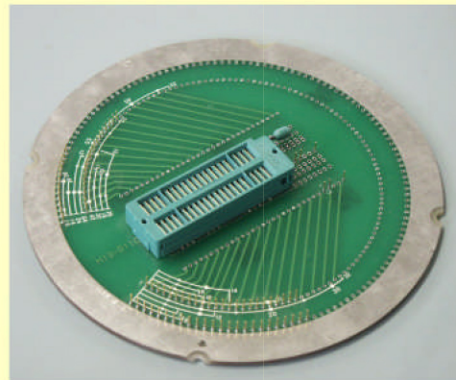


In addition to above discharging waveform, adaptable to Machine Model for JEDEC and ESD Association.

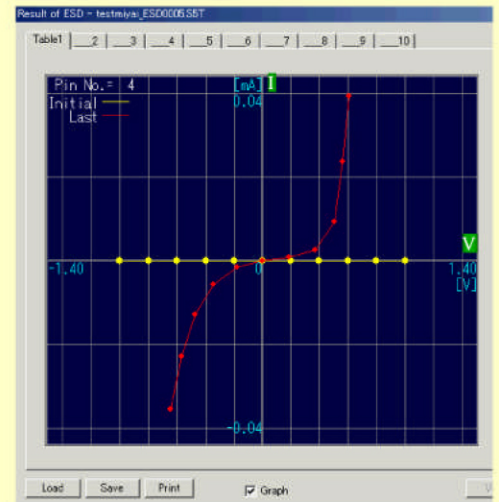
## Measurement result screen



Mechanical GND system



Socket board



## Specification

Test pins	MAX 256 pins
Built-in capacity/resistor	HBM/MM, 10PF
Pulse voltage	+/-10V - +/-8000V
Voltage step	Min. 5V
Zap number	1-99 times (Max 65535)
Zap interval time	0.1 - 9.9s
Charging voltage accuracy	1% +/- 10V
Measurement voltage (Vf)	+/-40 (Step 0.1V)
Accuracy of current measurement	1% +/- (1/500FS +/- 10nA)
Outer dimensions	545(W) x 350(D) x 290(H)
Weight	25Kg
Control	Windows or Stand alone
AC Voltage	100 - 240V/5A

美浜国际贸易（上海）有限公司

电话: (021) 5407-2091

手机: 1356-4666-529

地址: 上海市徐汇区宜山路425号 (光启城2213室)

● Agency