

# Compact ESD Tester

HCE-5000

## Stand-alone ESD test system

The Hanwa Compact ESD Tester has been designed for portability, improved use of space and high cost performance.  
Perform HBM, MM and leakage measurement without a PC or curve tracer.



## Features

### Easy-to-use touch screen interface

Settings can be adjusted without a PC.

### Complies with a wide variety of standards

ESDA\_JEDEC JS-001(AEC), JEITA

### Leakage & Curve tracing

Before and after testing.

Method 1: Percentage of change

Method 2: Absolute value

### Free Unit

Supports tests of various standards.

## Panel view

### Zap screen

Zap Volt

Zap count

HBM MM

This is Manual Zap menu

### Judgment criteria Specifications

Method

Absolute

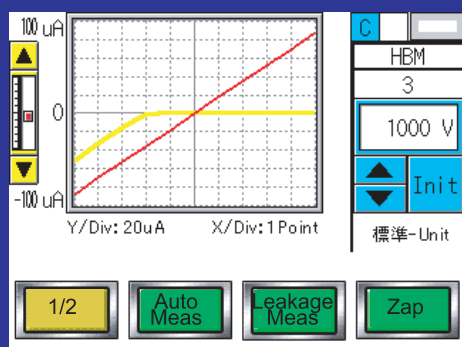
Upper

Lower

Changing amount

This is Judge setting menu

### Result screen



0.02 V	0.05 V	0.08 V	0.11 V	0.13 V
17.2 uA	34.5 uA	51.7 uA	68.0 uA	86.2 uA

The result has graph & table view

< Table view >

## Specification

Model	HCE-5000
Charge Voltage	10V to 4kV step 5V (Op. HBM 8kV)
Charge Voltage	1%+/-10V
Zap polarity	+/-
Zap count	1 to 99
Zap interval	0.1s to 9.9s / step 0.1s
Standard zap unit	HBM:4kV (Op. 8kV), MM:4kV,HMM:8KV
Standards	ESDA_JEDEC JS-001(AEC), JEITA
Leakage voltage	+/-40V / step 0.1V
Leakage voltage accuracy	1%+/-50mV
Leakage current	Max. 100mA
Measurement current accuracy	High:1%+/-1/500FS+/-10nA Low:2%+/-1/500FS+/-100nA (Range of RL/RD<=1000)
Measure point	Max. 20 points
Leak detection resistance	10/100/1k/10k/100k/1M (ohm)

AC power	AC100V 2A
Dimensions	350(W) × 208(D) × 296(H) mm
Weight	10kg
Interface	USB
Temperature	15 to 35°C
Humidity	0 to 70% (non-condensing)

### Accessories



**HANWA**

HANWA ELECTRONIC IND. CO., LTD.  
689-3, Ogaito, Wakayama, 649-6272, JAPAN  
TEL +81-73-477-4435 FAX +81-73-477-3445  
URL: <https://www.hanwa-ei.co.jp/>

● Agency

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