

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

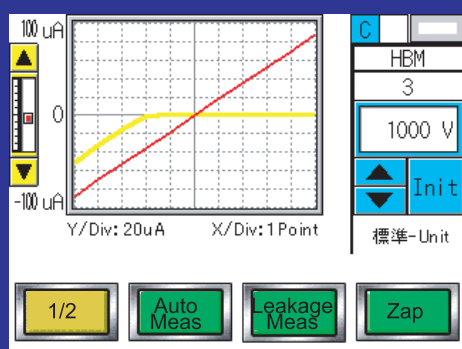
Upper

Lower

Changing amount

This is Judge setting menu

Result screen



< Graph view >

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

< Table view >

The result has graph & 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



This device uses mercury relays.

HANWA

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● Agency

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