

Compact ESD Tester

HCE-5000

**Stand-alone ESD test system(no use PC & curve tracer).
Low space & low cost**

**HANWA Compact ESD tester has been designed to deliver improved compact, flexibility & can be carrying. Saving the space & cost.
Capable the operate HBM, MM & leakage measurement without PC & curve tracer.**



Features

Easy operations by touch-screen-panel interface

Can be settings without PC

Base on various Standards

Meets JEDEC/ESDA/AEC/JEITA of HBM/MM

Leakage & Curve tracing

Capable the judged before/after

Method 1: Changing amount

Method 2: Absolute

HBM Fast/Slow unit (option)

Can be change the rise time for Experiments & Measurements

Fast rise time = 2-3ns, Slow rise time = 8-10ns (std = 5-7ns)

Panel view

Zap screen

Zap Volt: 1000 V

Zap count: 3

HBM MM: HBM

Normal - Unit

Buttons: Auto Zap, Zap setting, Set Zap, Zap

This is Manual Zap menu

Judge setting screen

Method: Changing amount

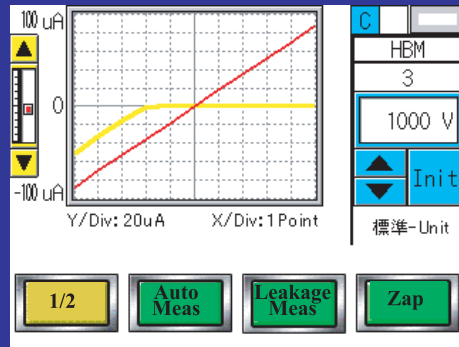
Absolute: Upper 5 mA, Lower -10 mA

Changing amount: 20 uA, 10 %

Buttons: Back, Setting (2), Setting (1)

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	69.0 uA	86.2 uA

Buttons: Measure, View2, [+], Final

< Table view >

The result has graph & table

Specification

Model	HCE-5000
Charge Voltage	10V~4kV step 10V
Charge Voltage	1%+/-10V
Zap polarity	+/-
Zap count	1 to 99
Zap interval	0.1S~9.9S / Step 0.1S
Standard zap unit	HBM=4kV, MM=4kV
Meets Standard waveform	JEDEC/ESDA/AEC/JEITA
Leakage voltage	+/-40V / Step 0.1V
Leakage voltage accuracy	1%+/-50mV
Leakage current	MAX 100mA
Leakage measurement accuracy	1%+/-1/500FS+/-100nA
Measure point	Max 20 points
Leakage detect Resistance	10/100/1k/10k/100k/1M (ohm)

AC power	AC100V 2A 50/60 Hz
Dimensions	350(W)×200(D)×296(H) mm
Weight	10kg
Interface	RS-232C
Temperature	15~35 °C
Humidity	0 to 70% (non-condensing)

Accessory



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● Agent

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