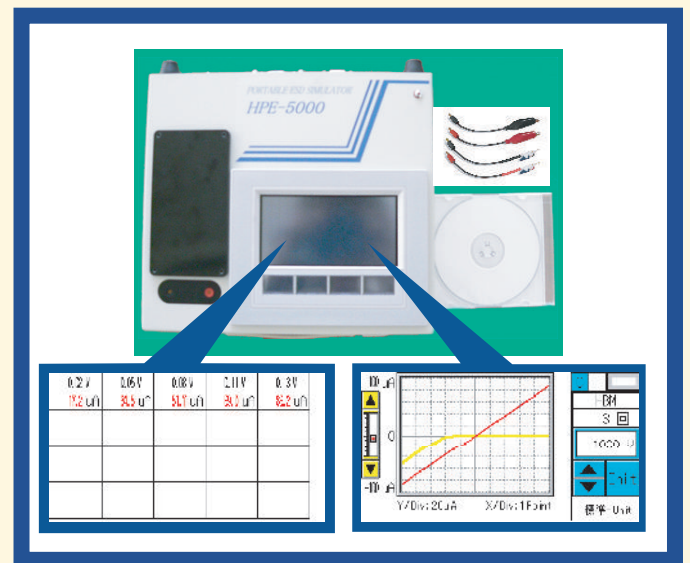


Portable ESD Tester

HPE-5000

More small ! More light !

Portable ESD tester is very small, light, low cost high performance. This machine has the Leake measurement function. It is possible to do the destruction judgment alone.



Features

Easy-to-use touch screen interface

Settings can be adjusted without a PC.

Complies with a wide variety of standards

Satisfies JEDEC/ESDA/AEC/ JEITA for HBM/MM

Leakage & Curve tracing

Before and after testing.

Method 1: Percentage of change

Method 2: Absolute value

Panel view

Zap screen

Zap Volt

Zap count

HBM MM

This is Manual Zap menu

Judgment criteria Specifications

Method

Absolute

Upper mA

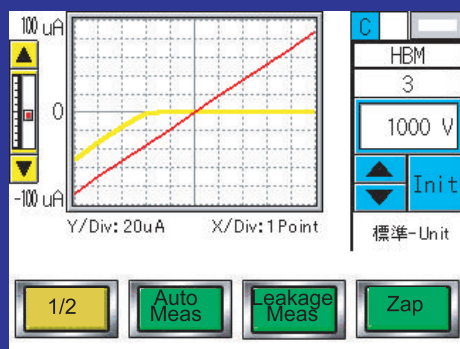
Lower mA

Changing amount

uA

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 >

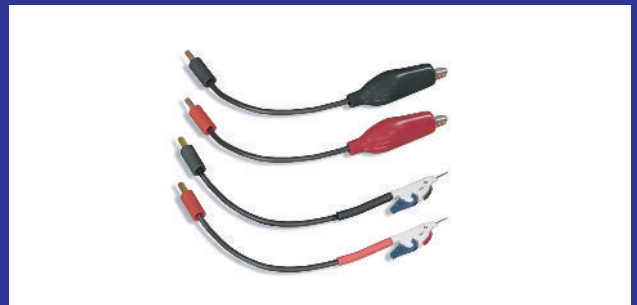
The result has graph & table

Specification

Model	HPE-5000
Charge Voltage	10V to 4kV step 5V
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, MM=4kV
Standards	JEDEC/ESDA/AEC/JEITA
Leakage voltage	+/-10V / 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	AC100 - 240V
Dimensions	260(W) × 235(D) × 118(H) mm
Weight	4kg
Interface	RS-232C
Temperature	15 to 35°C
Humidity	0 to 70% (non-condensing)

Accessories



HANWA

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● Agency

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