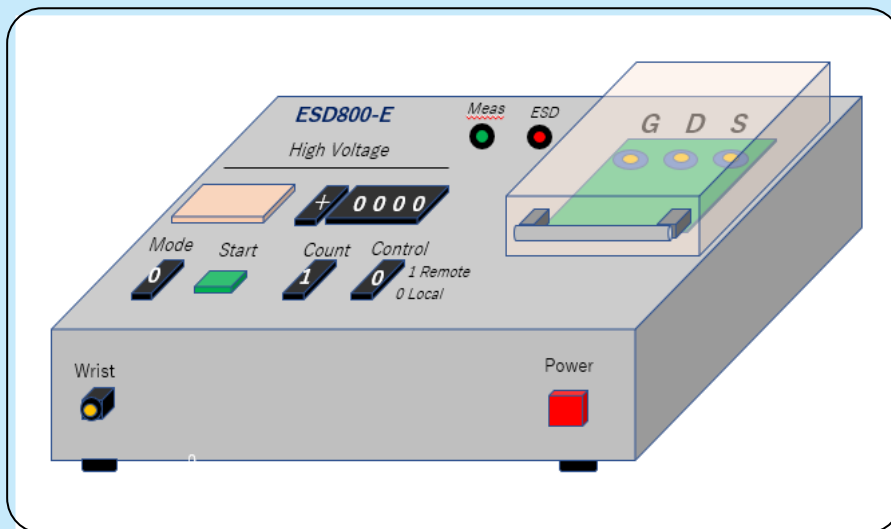


ESD Standard Tester MODEL 800 Series

- ESD test HBM: human body model 8kV
 MM: Machine model 2kV (Option)
- DC measurement: ESD destruction judgment
- Curve tracer function: VGS-ID characteristics

Configuration example:

- ESD800-E HBM test device (ESD zapping Manual)
- ESD800-ED HBM test + DC measurement (Zapping and automatic judgment)
- ESD800-EC HBM test + curve tracer function (zapping and automatic judgment)



ESD800-E
Body image diagram

The instrument can be connected to Model 2400 or 2600 for DC measurements.

* Connect to Keithley 2400 or 2600 when determining destruction

Approx: 430W × 370D × 300H(mm) 6.5kg

Features and Applications

■ As an electrostatic breakdown tester

- MR / GMR heads ● Small parts, chip parts
- Liquid crystal display panel ● TR, IC diode

■ As an electrostatic noise / immunity tester

- LCD panel ● Small unit
- IC card ● memory card

Functions

- Simple and clear operability by manual
- Suitable for ESD testing of small pins.
- Compact and lightweight ESD tester with automatic judgment
- Capable of ESD testing up to 8KV
- standards JEDEC/AEC
- ESD test and noise immunity test
- Compatible with domestic and international
- Easy setting of test conditions
- Manual setting and remote setting are possible
- Curve tracer function
- Vth measurement ESD test

Overview description

A compact and handy type ESD tester specialized for ESD testing. Easy to use with good Usability Testing is possible. In addition, more detailed tests can be realized by remote setting. ESD and destruction judgment can be performed for each pin. It is also possible to output the ESD test result externally by setting.

Specifications

■ ESD section

Test method: HBM、MM (Option)
High voltage: 0~±8KV (HBM)、0~±2KV (MM)
ESD frequency: 1~10 times
ESD interval: 1 second
ESD standard: JEDEC/AEC

■ DC measurement unit Connected to Model 2400 (option)

Vf voltage: ± 10mV to ± 20V 10mV resolution
Im measurement: ± 10nA to ± 100mA 10nA resolution
Destruction judgment method

- ① Judgment based on % value and current value change
- ② Absolute value judgment

■ Curve tracer function Connect with model 2600 (option)

VGS voltage: ± 10mV to ± 20V 10mV resolution
VDS voltage: ± 10mV to ± 20V, 10mV resolution
ID measurement: ± 10nA to ± 100mA 10nA resolution

■ Controller

- ① PC (OS:Windows10)
- ② ESD test program

■ Other

- Wrist wrap terminal: Yes
- Safety measures: Yes
- AC power supply: 100V~220V 50/60Hz

• External dimensions

Body: ~430W × 370D × 300H (mm) 6.5kg
Model 2400 : ~238W × 370D × 104H (mm) 4kg
Model 2600: ~238W × 400D × 104H (mm) 4.5kg
(Signal source meter)

Equipment specifications are subject to change. See the latest specifications.

Contact us