

Test environment (Table-top type / Floor-standing type)

ESS-801 / 801GL

ESD simulator ESS

Feature

ESD test environment in conformance with EN/IEC61000-4-2 Standard.

Two types for EUT are available, table-top type and floor-standing type so that the environments can support the tests along EUT figures. Since the table is made of wood, influence to the test result should be small (quantifiable test result can be expected since the discharge can be realized in state high frequency electromagnetic field is less lost) and the high reproducibility can be expected and realized. Also, versatilely utilized for another tests like impulse noise immunity test, etc.

- ESD test environments in conformance with EN/IEC61000-4-2 standard
- High reproducible tests can be performed
- Can be versatilely utilized for another tests



Test setup example with ESS-801
* Contents in the set referred to following specification

Specification

ESS-801 (Table-top type)

Item	Model	Dimension	Q'ty
Test table	03-00039A	(W) 1600x(H)800x (D) 800mm	1 set
Vertical coupling plate	03-00005A	(W) 500x(H)500x (t) 1.5mm	1 set
Ground plane	03-00007A	(W) 1800x(D)1000x (t) 1.5mm	3 pcs.
Insulating sheet	03-00004A	(W) 1450x(D)650x (t) 0.5mm	1 pc.
Discharge resistance cable	05-00054B	2m cable equipped with 470kΩX 2 pcs.	2 pcs.
Horizontal coupling plate	03-00020A	(W) 1600x(D)800x (t) 1.5mm	1 pc.

ESS-801GL (Floor-standing type)

Item	Model	Dimension	Q'ty
Insulating support	03-00024A	(W) 1200x(H)1200x (t) 100mm	1 pc.
Floor-standing vertical coupling plate	03-00034A	(W) 540x(H)1540x (D) 500mm	1 pc.
Ground plane	03-00007A	(W) 1800x(H)1000x (t) 1.5mm	3 pcs.
Discharge resistance cable	05-00054B	2m cable equipped with 470kΩX 2 pcs	1 pc.



Vertical coupling plate for ESS-801GL

Option

CR Unit



CR unit for ESD gun GT-30R

- Available discharge gun : GT-30R

* Please contact us when the other CR constant is required than the right description.

* The unit size depends on the capacitor constant.

Model	CR constant
06-00073A	150pF-330Ω
06-00074A	150pF-2kΩ
06-00075A	330pF-330Ω
06-00076A	330pF-2kΩ
06-00077A	500pF-0Ω
06-00078A	150pF-500Ω
06-00079A	100pF-1.5kΩ
06-00080A	200pF-0Ω
06-00081A	150pF-150Ω
06-00082A	500pF-500Ω
06-00083A	500pF-5kΩ
06-00084A	250pF-100Ω

Gun Head MODEL : 03-00071A / 03-00072A



Gun head to be changed according to Standard compliant test. 2 kinds for the test with 330Ω(03-00071A) and 2kΩ (03-00072) are lined up.

- Available discharge gun : GT-30R

Discharge Tip MODEL : 12-00007A / 8A / 9A



Discharge tips on the gun.

Conical (12-00007A) and Round (12-00008A) are standard equipped with GT-30R.

The all 3 tips are standard equipped with GT-30R2K and GT-30R330.

- Available discharge gun : GT-30R

Conversion Adaptor for Probe Stand MODEL : 03-00074A



Adaptor for connecting between probe stand PS-806 or 03-00022B and discharge gun GT-30R.

- Available discharge gun : GT-30R

Gun Holder MODEL : 03-00075A



Holder for discharge gun during the test.

Also, can be the pre-checking fixture in combination between ESS-S3011 and GT-30R.

Standard equipped with ESS-S3011

- Available discharge gun : GT-30R / TC-815R