

MODEL NUMBER:

ESD30-HBM

ELECTROSTATIC DISCHARGE GENERATOR

The EMC Shops' ESD30-HBM is an easy to use electrostatic discharge generator tailored for human body model ESD standards MIL-STD-750D, JS-001-2017, IEC 61340-3-1, JEDEC 22-A114 and more. With a straightforward interface, compact package and low cost, the ESD30-HBM has been accepted by compliance laboratories and component level test engineers. By disconnecting the HBM module from the tip of the ESD generator, standard system level testing can be accomplished to IEC 61000-4-2, MIL-STD 461G CS118, DO-160 Section 25 and many more.

With a level of configurations, the ESD30-HBM can be built for all-day, everyday use to occasional use, while being budget friendly. The EMC Shop, sister to ESDguns.com, has advanced knowledge and understanding of electrostatic discharge applications and serves as a resource before and after purchase.



KEY CONSIDERATIONS:

- ***Meets waveform requirements of human body model ESD***
- ***Built-in self test feature***
- ***Integrated automatic charge absorber***
- ***100pF/1500Ohm Resistance and Capacitance Network***
- ***Straightforward and easy to use interface***
- ***Remote control software available***
- ***Optional built in battery***



STANDARD PACKAGE:

- **ESD Generator with connection cable**
- **Desktop control unit with mains cable**
- **Capacitor module 100 pF**
- **Resistor module 330 Ohm**
- **HBM Module**
- **Contact discharge test tip**
- **Air discharge test tip**
- **Discharge return cable, 2 m**
- **Manual**
- **Carrying Case**
- **Traceable Calibration Certificate (Accredited Available)**

OPTIONS

• ESD30-FRT	Fast Rise Time Tip (.45 ns)
• ESD30-Arm	Support arm with balancer
• ESD30B-HBM	System with built in battery (same as ESD16/30)
• ESD-SPHERE-TIP	Test tip, 30 mm diameter, for Air discharge > 15 kV
• ESD-TIP-EXT	Test tip, 50 mm long with spring contact, for Contact discharge
• ESD 271	VCP – vertical coupling plate incl. Earth cable (2 x 470 kOhm)
• GRC-2M	Earth cable set incl. 2 x 470 kOhm resistor, 2m long
• CST2	ESD Verification Set 2 Ohm (4 GHz) for verification the ESD pulse
• VGP	Vertical Ground Plane for ESD Current Target Approx 4' by 4'
• ESD CONTROL	Optical set and remote software
• ESD TEST ENVIRONMENT	Turnkey setups for commercial or automotive ESD testing

