

## In-House ESD Test Setup

### IEC 61000-4-2 compliant electrostatic discharge testing setup.

This ESD Test Package provides all the essential equipment required to carry out IEC 61000-4-2 electrostatic discharge testing in a controlled and repeatable manner. Designed for organisations seeking a reliable, standards-aligned approach to assessing product robustness against ESD events, the package brings together the core elements needed to create a compliant test environment, including the test table, coupling planes, and a high-performance ESD simulator.

Developed as a ready-to-use solution, the package enables laboratories, manufacturers, and compliance teams to establish an effective ESD testing capability with confidence and minimal setup effort. For users with unique test conditions or specialised requirements, APC also offers customised configurations and tailored adaptations to ensure the solution aligns precisely with individual testing needs.

#### The In-House ESD Test Setup includes:

1. **ESD Test Table** – 160 cm × 80 cm, fully compliant with IEC 61000-4-2
2. **HCP (Horizontal Coupling Plane)** – supplied complete with resistor cable
3. **VCP (Vertical Coupling Plane)** – supplied complete with resistor cable
4. **ONYX 16** – 16 kV ESD simulator with RC module (150 pF / 330 Ω).

\*Additional RC modules available on request



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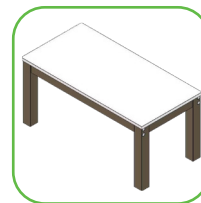


## Package Contents:

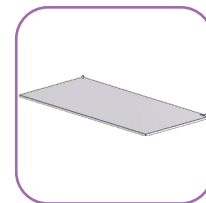
This ESD Test Setup provides a complete, turnkey solution for IEC 61000-4-2 electrostatic discharge testing, enabling dependable in-house evaluation of product performance under real-world ESD conditions. Designed for laboratories, manufacturers, and compliance facilities, the setup delivers repeatable, standards-aligned test results while ensuring seamless integration into existing workflows.

The system includes all core elements required for IEC 61000-4-2 testing: a compliant ESD test table, both horizontal and vertical coupling planes, each supplied with the appropriate resistor cable and the ONYX 16 ESD simulator capable of generating up to 16 kV discharges using the standard 150 pF / 330  $\Omega$  RC module. With each component selected for compatibility and reliability, users can begin testing quickly, confidently, and in full compliance with the standard. Additional RC modules are also available on request to accommodate expanded testing requirements.

At APC, we recognise that not all applications fit a standard configuration. While this ESD Test Setup offers a proven, ready-to-deploy package for most users, our EMC Test Solutions team can design bespoke or tailored variants to meet specific operational or environmental needs. If your project requires a customised approach, we will work closely with you to ensure the setup is precisely aligned with your testing objectives.



ESD Test Table



HCP



VCP



ONYX 16

**Package Price - £12,000**

## Buy this setup and bring EMC testing in-house



To take advantage of this pre-built conducted immunity test system, arrange a demo, or find out more about our EMC test solutions and services, start a technical conversation with a member of our EMC solutions team.

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