

In-House Power Quality Test Setup

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

The Power Quality Test Setup combines the versatile AXOS5 Compact Immunity Tester with the optional DIP 116 automatic dips transformer to deliver a comprehensive solution for evaluating product performance under a wide range of electrical disturbances. The AXOS5 Compact supports surge testing (1.2/50 μ s ... 8/20 μ s) according to IEC/EN 61000-4-5, EFT/burst testing to IEC/EN 61000-4-4, voltage dips in accordance with IEC/EN 61000-4-29, and magnetic field immunity testing as defined in IEC/EN 61000-4-9. When voltage dips testing to IEC/EN 61000-4-11 is required, the DIP 116 provides automated control of 40%, 70%, and 80% voltage reductions for full compliance.

Designed to streamline test workflows and reduce reliance on external facilities, this setup offers a flexible, scalable approach to in-house immunity testing. For customers seeking only specific test capabilities, APC can supply tailored configurations of the AXOS5 Compact—limiting the system to selected test functions where required to help reduce overall cost. As with all APC solutions, bespoke options and customer-specific adaptations are available to ensure the package aligns precisely with your operational and compliance needs.

In-House Power Quality Test Setup includes:

- 1. AXOS5 Compact** - Compact Immunity Tester up to 5 kV
- 2. DIP 116** - Automatic Dips Transformer 16 A for 40/70/80 % Voltage Dips according to IEC/EN 61000-4-11

Test possible with AXOS5 Compact:

- **Surge:** 1.2/50 μ s...8/20 μ s, IEC/EN 61000-4-5
- **EFT/Burst:** IEC/EN 61000-4-4
- **Voltage Dips:** IEC/EN 61000-4-11(1), IEC/EN 61000-4-29(3)
- **Magnetic Field:** IEC/EN 61000-4-9(2)



AXOS5 Compact



DIP 116

Package Price - £24,975



HAEFELY

Current and voltage – our passion

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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