



CAS 3025 BURST/EFT PULSE VERIFICATION KIT



- Verification/calibration kit for IEC/EN 61000-4-4, amendment 2
- For peak voltages up to 8.8 kV
- INA 265A: 50 Ω termination
- INA 266: 1 kΩ termination
- Compatible with all burst/EFT generators
- Delivered with calibration certificate

The Teseq CAS 3025 burst/EFT pulse verification kit has been specially designed to comply with the new requirements of IEC/EN 61000-4-4: amendment 2: 2001 to enable EMC engineers to verify their burst/EFT test generators periodically.

Annual calibration and periodic verification

The annual calibration of test equipment recommended by most quality systems (ISO 9000, ISO 17025, etc.) has to be considered as a validation of all measurements done since the last calibration.

Many EMC standards call for a verification of the test equipment before and after every test session. If the verification shows differing results, no valid test results can be assumed and the test equipment has to be re-calibrated.

It is therefore highly recommended that the EMC test engineer periodically verifies his test equipment in order to ensure good functionality and accuracy and hence minimise the risk of bad measurements and the need for a product re-call. Periodic verification can be done before a test session or once a day or week or month; this is up to the user to decide. Only a few points need to be checked, which will take only a few minutes if the right test equipment is available.

The Teseq CAS 3025 comprises two termination attenuators – INA 265A and INA 266 – plus a coaxial RG58 cable and calibration certificate indicating the precise ratio. The whole is delivered in a handy case.

Technical specifications

INA 265A termination/attenuation (typical):	50 Ω; 1:1000
INA 266 termination/attenuation (typical):	1000 Ω; 1:2000
Bandwidth:	400 MHz
Max. input burst peak voltage:	8800 V peak
Operating temperature:	-10 to +40°C
Dimensions L x W x H:	280 x 230 x 85 mm
Weight:	900 g approx.