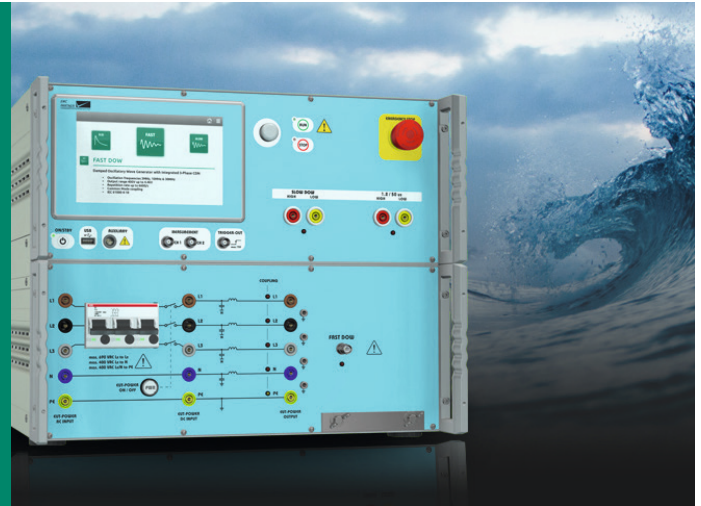




DOW3000 INFOSHEET

FULL SOLUTION FOR DAMPED OSCILLATORY WAVE TESTING



Capabilities DOW3000 S-F-I

Internal CDN is rated AC 3 x 690V / 3 x 32A and DC 500 V / 32A.	Waveform	Test level direct out	Test level CDN out	Standards
	Slow DOW	5 kV	4.4 k	IEC 61000-4-18, -10, ANSI C37.90
	Fast DOW	4.4 kV	4 kV	IEC 61000-4-18,
	1.2/50 μ s, 500 Ω , 0.5 J	8kV	-	IEC 60255-27, other
	Magnetic pulse	for ex. 220 A/m @ 100kHz with 1mx1m antenna		

Features

- > 7" colour touchscreen
- > High performance built-in CDN
- > EUT overcurrent protection
- > Supports up to 7 Languages
- > Active EUT Power monitoring

Benefits

- > Precise, mature technology
- > High quality waveforms
- > Three generators in one box
- > Broad range of accessories
- > Unbeatable test levels

Accessories

Software Suite	Test Type	Product Name
TEMA3000 enables a fast and effective set-up creation and testing control for professional test labs.	Slow Wave on I/O lines	CDN-DOW-DATA-LF, CDN-DOW-DATA-HF, CDN-DOW-DATA-HF18
	Fast Wave n I/O lines	CN-EFT1000
	Magnetic field	MF1000-1, MF1000-2, MF1000-3
	Calibration	VERI01 OSI, VERI1K-EFT, VERI50-EFT, VERI-CP-EFT

Latest News

- > The new **CDN-DOW-DATA-LF** can be used to apply 4.4 kV Slow Damped Oscillatory Waves on up to 8 unsymmetrical lines or 8 (low speed) symmetrical lines with line current up to 4 A and line voltage 250 V DC-60 Hz. The CDN is suitable for tests as per IEC61000-4-18, but also for a broad range of product standard requirements.
- > The new **CDN-DOW-DATA-HF18** can be used to apply 4 kV Slow Damped Oscillatory Waves on up to 8 high speed symmetrical lines (Gigabit Ethernet) as required in IEC 61000-4-18. The CDN comes with optional RJ45 adapters in order to simplify connection of EUT and AE.
- > The new **CDN-DOW-DATA-HF** can be used to apply 4 kV Slow Damped Oscillatory Waves on up to 8 high speed symmetrical lines (Gigabit Ethernet) as required in IEC 60255-26. Special couplings (differential mode in a pair, one pair to all others floating or grounded) can be easily set in manual mode. The CDN comes with optional RJ45 adapters in order to simplify connection of EUT and AE.
- > **DOW3000** is fully complying with requirements from latest IEC 61000-4-10, achieving and exceeding test levels demanded for both 1 x 1 m antenna and 1 x 2.6 m antenna, at 100 kHz and 1 MHz.