

IMU SERIES

MANY CHOICES ONE SOLUTION



Generator Versions

IMU is a freely configurable system for conducted immunity testing.

Circuits are available for Surge, EFT/Burst, ESD Ringwave, 10/700, DIPS, Common Mode & Differential Mode.

Available test circuits	Max. Level	Standards
Electric Fast Transient / Burst (EFT)	up to 7kV	IEC/EN 61000-4-4
Combination Wave Generator /Surge (CWG)	up to 8kV	IEC/EN 61000-4-5, ANSI C62.41
Telecom Impulse (10/700)	up to 8kV	IEC/EN 61000-4-5, ITU-T K.44
Ring Wave 100kHz (Ring)	up to 8kV	IEC/EN 61000-4-12, ANSI C62.41
Common Mode Generator (CM)	up to 35V cont. / 330V short	IEC/EN 61000-4-16
AC & DC Dips, Variations and Interrupts	40%, 70%, 80%, custom	IEC/EN 61000-4-11 /-29 /-34
Magnetic Field / Pulse	1100 A / m (50/60Hz)	IEC/EN 61000-4-8 / -9
Differential Mode Generator (DM)	4.4 A or/and 25V	IEC/EN 61000-4-19
Electro Static Discharge	16kV	IEC/EN 61000-4-2

Features

- › 7" colour touchscreen
- › High performance built-in CDN
- › Programm & link test setups
- › Supports up to 7 languages
- › Generate test reports

Benefits

- › Integrated data exchange with PC
- › High quality waveforms
- › Extend testing capability on-site
- › Broad range of accessories
- › Online firmware updates

Accessories

TEMA3000 Software Suite

TEMA3000 is a professional software suite to control generators, gather data and create test reports.



Accessories	Description
High Speed Data Line CDNs	up to 1Gb/second
Magnetic Field	Impulse up to 1855 A/m, AC up to 1100 A/m
Electro Static Discharge Gun	up to 16kV
Common Mode Extension	35V continuous and up to 300V short duration
Differential Mode Extension	Voltage and Current tests with 25A integrated AC source
I/O data Lines CDNs	SURGE coupling-decoupling network for up to 8 data lines
3-Phase CDNs	up to 200A, 690V AC, 1500 DC
3-Phase DIPS Extension	up to 75A, 690V