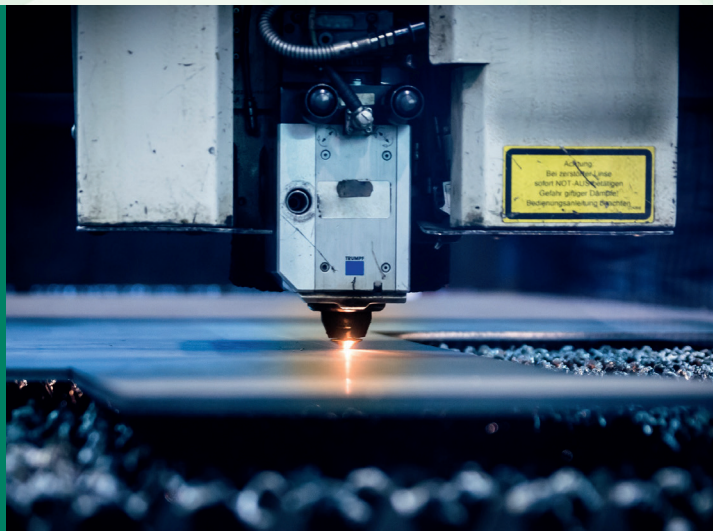




## APPLICATION SHEET

# 3-PHASE POWERED EQUIPMENT



Three phase power is used mostly for high current or heavy load applications. The voltages and currents can be in the range up to 690Vac/200A. ESD is a test type used on every product and is incorporated into the CE testing requirements for the European Union (EU). Specifically for three phase equipment with high currents specialist Coupling Decoupling Networks (CDN) are required which can be used for EFT/Burst, Surge and Ringwave impulse tests. Combining all three into a single unit is a definite advantage in testing efficiency.

### Test types

- › EFT/Burst Impulses
- › Combination Wave Impulses
- › 100 kHz Ringwave
- › AC DIPS / Variations
- › AC and Impulse Magnetic Field
- › ESD
- › 0-150 kHz Common Mode

### Standards

- › IEC 61000-4-2
- › IEC 61000-4-4
- › IEC 61000-4-5
- › IEC 61000-4-8
- › IEC 61000-4-9
- › IEC 61000-4-11
- › IEC 61000-4-12
- › IEC 61000-4-16
- › IEC 61000-4-34

### DOW-CG1



Compact generator for Damped Oscillatory Wave testing. Integrated three phase CDN for Slow and Fast waves. Magnetic Field output for 1m or 2m coil. Can be extended with insulation test impulses up to 8 kV.

### IMU-MGE



Compact generator for EFT/Burst, SURGE, 100 kHz Ringwave and 10/700 impulses up to 8kV. Integrated 16 A CDN. Extend with ESD, Dips/Interrupts and Common Mode.

### MORE OPTIONS & COMFORT

Touch panel technology and a mature operator interface in IMU generators are extended for three phase applications by DIPS/Interrupts up to 75A per phase and the all new CDN range up to 200A per phase 690 Vac and 1500 Vdc.



### TEMA3000 - SOFTWARE TEST SUITE

**The ideal solution for our latest test generators.**

Create and manage Tests and Sequences. Integrate DSO measurements in professional reports. Import and export Test Setups and Sequences. Smart test functions and predefined Test Library.



APPLICATION  
INFORMATION