

HCWG

Pulse magnetic field immunity test system



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Stop

Line 5

Main

overview

The HCWG series has excellent and reliable performance, beautiful appearance, fully meets IEC and GB standards, meets pulsed magnetic field (1.2/50 μ s_8/20 μ s), and reaches the international first-class level. Equipped with a 1m \times 1m square aluminum tube magnetic field coil, it can achieve a maximum pulse magnetic field strength of 2000A/m. Adopt 7" TFT color touch screen, the operation interface is simple and convenient. Ethernet communication interface for remote microcomputer control).



HCWG front view



HMFG 100/1000 Field Coils

Features

- 7-inch touch color screen, simple and elegant UI, easy to operate Pulse
- waveform: 1.2/50 μ s_8/20 μ s
- Magnetic field coil: 1m \times 1m and 1m \times 2.6m
- Can edit a single test program and a combination of multiple programs
- Magnetic field strength: 100A/m ~ 2000A/m
- Coil holder included, polarity and height adjustable

Applications

- IEC/EN 61004-9, GB/T 17626 9

HCWG pulsed magnetic field test system



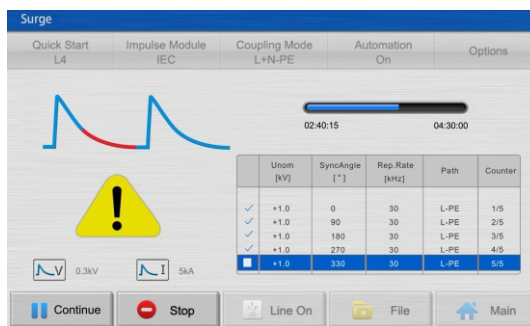
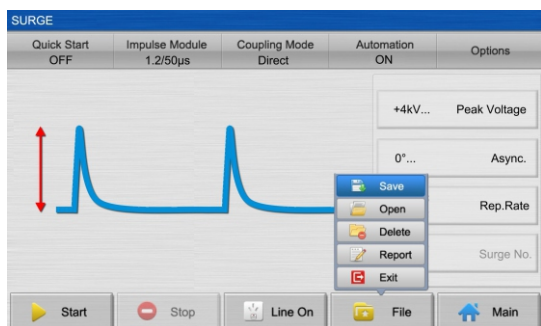
Technical Parameters

Output Voltage	HCWG 50 (0.2kV - 5.0kV) \pm 10% HCWG 70 (0.2kV - 7.0kV) \pm 10%	Output Current	HCWG 50 (100A - 2.5kA) \pm 10% HCWG 70 (100A - 3.5kA) \pm 10%
Voltage rise time	1.2 μ s \pm 30%	Current rise time	8 μ s \pm 20%
Voltage duration	50 μ s \pm 20%	Current duration	20 μ s \pm 20%
Polarity	Positive/negative/alternate	Counter	1 - 9999
Source impedance	2 Ω	Peak voltage monitor	Automatic display and BNC output(1000:1)
Phase Sync	0-359 $^{\circ}$ /1 $^{\circ}$ each step Sync:external/internal:Async Mode	Peak current monitor	Automatic display and BNC output(1kA/V)
Standard option	CDN coupling:IEC or ANSI	Automatic programming	Synchro-phase/voltage/coupling path

Pulse magnetic field test level

Level	Pulse magnetic field strength (A/m)
1	NA
2	NA
3	100
4	300
5	1000
x	special

Software running interface





Order No.	Name	Model	Describe
41030100	lightning surge generator	HCWG 50	7" touch screen Surge:±5kV,1.2/50µs
41030200	lightning surge generator	HCWG 70	7" touch screen Surge:±7kV,1.2/50µs
41050140	magnetic field antenna	HHS 100	Single turn of aluminum tube:1m×1m

The leader of EMC Test and Measurement



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