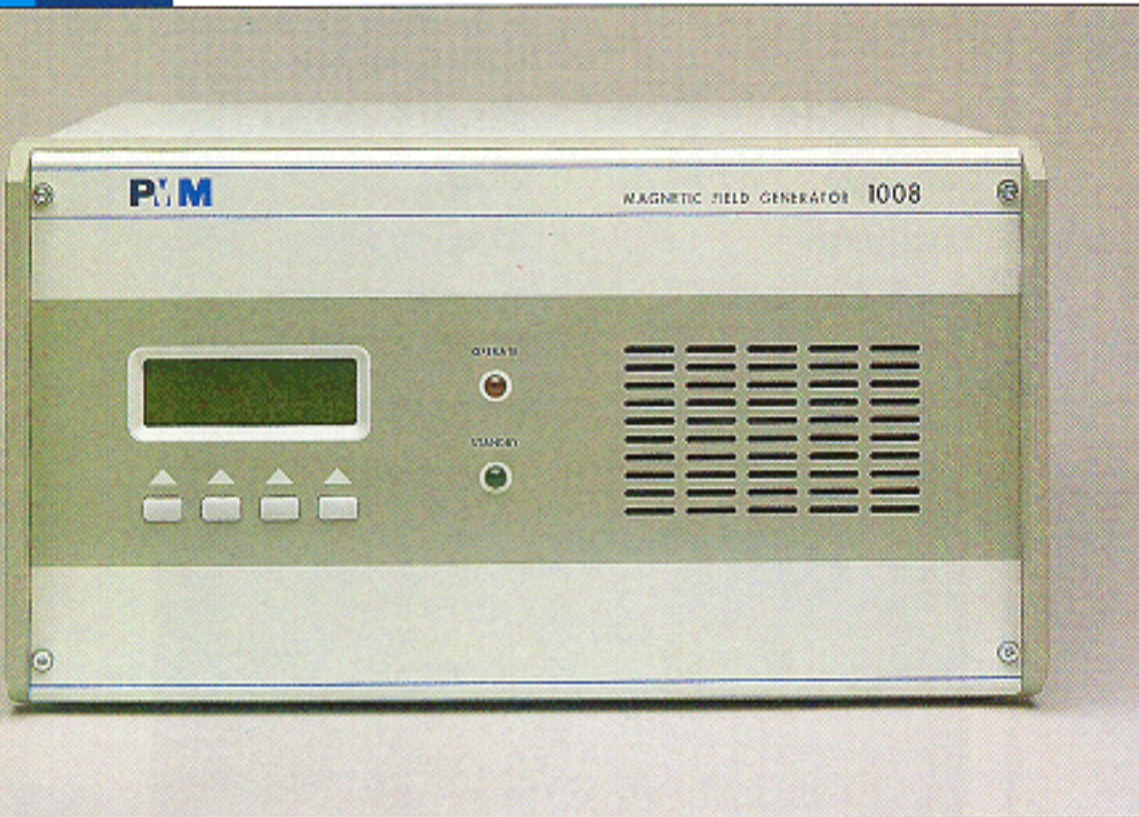


PMM 1008

MAGNETIC IMMUNITY TEST SYSTEM (IEC1000-4-8, EN61000-4-8)



PMM 1008 is an integrated system for making test according to IEC 1000-4-8 and EN 61000-4-8.

The system is composed by PMM 1008/1 (programmable current generator) and PMM 1008/2 (induction square coil with mast and truck). The design takes in account all safety regulation to protect the user from electrical shock.

The coil can be positioned up and down and rotated from 0 to 360°.

The coil uses a metal band covered by an isolation material.

The generator has a current sensor to measure the output current as a feed-back element to control the stability of the magnetic field produced by the coil independent from the mains variation.

This device will prevent current fluctuation due to cabling heating, bad connections and power line variations.

During the test the user can hear a beep informing that the test is in process.

The main features are:

- Output current feed-back
- User definable antenna factor
- Standard tests, user definable and ramp
- Acoustic warning during the test
- Time elapsed measurement
- Autocalibration
- Safety interlock
- RS232 programmable
- Light weight (about 28 kg.)
- Safety (max 4 Vrms output)
- No fan used
- Temperature protection



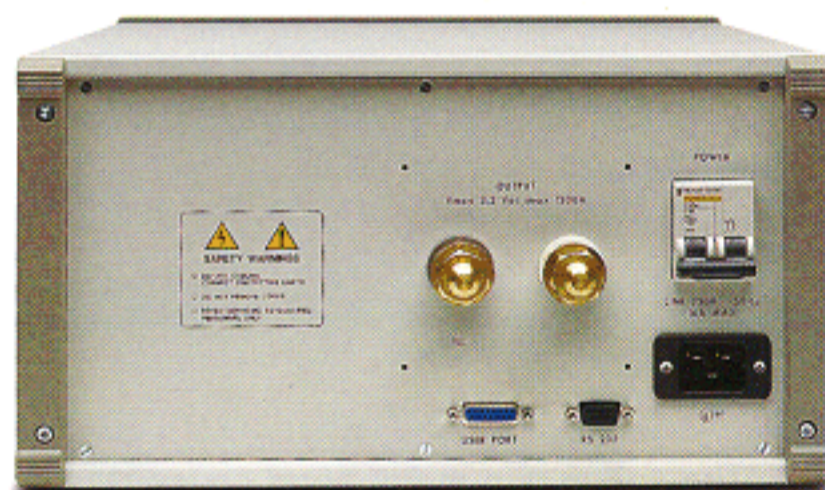
PMM 1008/1 GENERATOR

TECHNICAL SPECIFICATIONS

Frequency output	same as power line
Max. output current	160 A (continuous mode), 1200 A (short mode)
Magnetic field with PMM coil in continuous mode	Level 1 (1 A/m), Level 2 (3 A/m) Level 3 (10 A/m), Level 4 (30 A/m) Level 5 (100 A/m) Level X user definable
Magnetic field with PMM coil in short mode	Level 4 (300 A/m), Level 5 (1000 A/m) for max. 5 sec. Level X user definable
Output voltage	Max. 4 V without load
Protection	Magnetic-thermal circuit breaker/temperature protection
Modes	Continuous (max. time 12000 min.) or short (max. 5 sec.), manual and ramp (slow or fast)
Internal timer	1 - 12000 min. in continuous mode 1 - 5 sec. in short mode
Timer resolution	1 min. (continuous mode) or 1 sec. (short mode)
Functions	Start, Stop, Standby, fast and slow ramp, autocalibration, antenna factor setting

GENERAL DATA

Output connectors	Ø 14 mm bolt
System interface	RS-232C/485; DB9 Connector
Safety Interlock	via User port connector
AC supply	198-264 VAC, 50/60 Hz; 100 mA in stand-by; 15 A at max. current
Conformity	to Directives 89/336 and 73/23 and amendments
Size (WxDxH)	385x215x400 mm
Net weight	28 kg.
Gross weight	35 kg.
Supplied accessories	user manual - power cord intelock connector



PMM 1008/2 COIL WITH TRUCK

TECHNICAL SPECIFICATIONS

Coil size (WxDxH)	square coil 1.035x1.035x35 mm.	Lowest position	200 mm
Antenna Factor	0.87	Base size (WxDxH)	550x650x100 mm
Conductor cross section	110 mm ²	Net weight	antenna: 6 kg.; truck and mast: 20 kg.
Coil inductance	about 2.6 µH	Gross weight	50 kg. (mast + truck + coil)
Coil resistance	670 µΩ	Supplied accessories	two 1.5 m flexible cable (95 mm ²), truck with wheels, antenna mast
High of stand	2000 mm		



PMM
COMPETENT BODY

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