



PMM 3010
PMM 3030



9 kHz - 1/3 GHz EMC RF Generators

Main features

- 9 kHz to 3 GHz (mod. 3030)
- 9 kHz to 1 GHz (mod. 3010)
- -107 to +10 dBm RF output
- Internal AM and pulse modulation
- Battery operation (mod. 3030-02)
- RS232/USB communication
- GPIB with external adapter

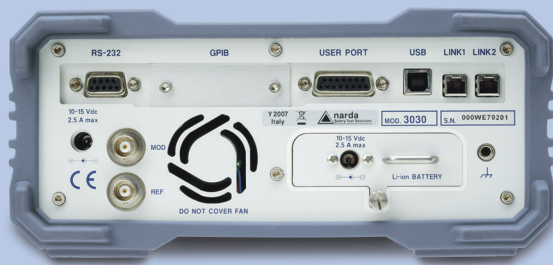


PMM 3030 Display

PMM 3010 and 3030 are powerful wide band signal generators, ideal for all EMC immunity test applications, designed adopting an innovative philosophy and state-of-art components.

The version equipped with plug-in, rechargeable battery pack allows for ground loops-free operation and true portability.

PMM 3010 & 3030 feature a particularly user-friendly interface based on a clear, bright display and function keys conveniently arranged. All settings can be done by the front panel keyboard and rotary knob.



PMM 3010 & 3030 EMC RF Generator

Technical Specifications

	PMM 3010	PMM 3030
Frequency range	9 kHz - 1 GHz	9 kHz - 3 GHz
Frequency resolution	1 kHz	1 kHz
Frequency accuracy (internal reference)	± 10 ppm @ f > 10 MHz	± 10 ppm @ f > 10 MHz
Level range	-107 to +10 dBm	-107 to +10 dBm
Level resolution	0,1 dB	0,1 dB
Level accuracy	± 1 dB, level > -30 dBm	± 1 dB, level > -30 dBm
Output impedance	50 Ω	50 Ω
RF output connector	Type N female	Type N female
Spectral purity-harmonic	<-30 dBc @ 0 dBm, f > 1 MHz	<-30 dBc @ 0 dBm, f > 1 MHz
AM modulation, internal	2-50-400 Hz, 1 KHz; 10% to 90 %	2-50-400 Hz, 1 KHz; 10% to 90 %
AM modulation, external	2 Hz to 10 kHz; 10% to 90 %	2 Hz to 10 kHz; 10% to 90 %
Input impedance	600 Ω	600 Ω
Input connector	BNC female	BNC female
Internal pulse modulation	1 Hz: On/Off ratio @ 0 dBm > 40 dB 200 Hz: On/Off ratio @ 0 dBm > 40 dB	1 Hz: On/Off ratio @ 0 dBm > 40 dB 200 Hz: On/Off ratio @ 0 dBm > 40 dB
Remote control	RS232, USB 2.0 (rear), User Port GPIB (external adapter)	RS232, USB 2.0 (rear), User Port GPIB (external adapter)
User Port	RF On/Off, Start/Stop test	RF On/Off, Start/Stop test
Display	340 x 240 pixels, 16 grey levels	340 x 240 pixels, 16 grey levels
Display units	dBm, dBμV	dBm, dBμV
Operating temperature	+10 °C to +40 °C	+10 °C to +40 °C
Power supply	DC 10 - 15 V, 2,5 A AC/DC adapter 115 - 230 V 50/60 Hz	DC 10 - 15 V, 2,5 A AC/DC adapter 115 - 230 V 50/60 Hz
Plug-in battery pack (model 3030-02)		Li-Ion, rechargeable 3 hours average operation time
Dimensions	235 x 105 x 335 mm (WxHxD)	235 x 105 x 335 mm (WxHxD)
Weight	3,5 kg	3,5 kg (mod. 3030-01) 4,3 kg (mod. 3030-02)

Ordering Information

3010	1 GHz RF generator, AC & DC power supply
3030-01	3 GHz RF generator, AC & DC power supply
3030-02	3 GHz RF generator, AC & DC power supply, plug-in rechargeable battery
9010/GPIB-232CV-A	RS232 to GPIB (IEEE-488) external adapter

PMM a brand of



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