



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 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 3030 Display



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



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