

The **PMM 7000** receiver is by far the most complete, low-cost receiver system available for pre-compliance emission measurements to CISPR 16. Offered with standard features and performance only available in much higher priced systems, the **PMM 7000**, together with its included software package, is complete and ready to use.

Designed to be operated by non-EMC experts, Radiated and Conducted testing are easily performed with a minimum of training. All current Standards used for "CE" marking have been preloaded and others can be loaded as needed. The built-in 16A LISN and software control, automatically switches between phase and neutral to provide the worst case results for screen display and print out.



Testing and "fixing" with the **PMM 7000** gives confidence that the product will pass when submitted for full compliance testing. Thanks to its small size, the **PMM 7000** is an ideal tool to perform on-site measurements. The PC that drives it can load setups and save measurements for further analysis and report writing back at the lab/office. All measurements can be performed using Peak, Quasi-Peak and Average detectors simultaneously. In addition, the graphed results of all three detectors can be displayed simultaneously as well.

Other **PMM 7000** features include: The ability to invoke the "Worst 10 Pks" function for recording progress in making emission performance improvements; the use of the "Spectrum Mode" for instantaneous feedback on the results of each corrective action; a zoom mode for a better view of a specific portion of a signal; the use of optional near field probes for isolating "hot spots" in a failed product.

## SPECIFICATIONS

FREQUENCY RANGE	150 kHz – 30MHz (Input A), 30 MHz to 1000 MHz (Input B)	MEASUREMENT ERROR	(TYPICAL ±2dB)
FREQUENCY STEP	10KHz (INPUT A), 100KHz (INPUT B)	150KHz – 30 MHz	±2dB
SETTING ERROR	< 1 x 10 <sup>-5</sup>	30 MHz – 300 MHz	+2dB, -3dB
RF INPUT		300 MHz – 1000 MHz	+2dB, -4dB
INPUT A	50 Ω, female BNC Connector	INTERNAL LISN	
INPUT B	50 Ω, female N connector	FREQUENCY RANGE	150 kHz–30 MHz
VSWR	<1.2 with ⊕ 10 dB RF attenuation, <2 with 0 dB RF attenuation	NETWORK IMPEDANCE	50Ω//50μH
MAX. INPUT SIGNAL	<127dB mV Sinewave AC Voltage	CONT. OUTPUT CURRENT	2x16Amps
MEASUREMENT TIME		MAX. AC SUPPLY VOLT.	250V
PEAK DETECTOR	10ms – 1s	EUT POWER PLUG	SCHUKO 10/16A
QUASI-PEAK DETECTOR	200ms – 10s	ARTIFICIAL HAND & PROTECTIVE EARTH:	Built-in
AVERAGE DETECTOR	20ms – 1s	PULSE LIMITER	Built-in
DISPLAY UNITS	dBμV, dBμV/m, dBpW		
DEMODULATION	AM/FM with incorporated speaker and volume/tone adjustment		
IF BANDWIDTHS (-6DB)	9KHz, 120KHz, (CISPR Tolerance)		