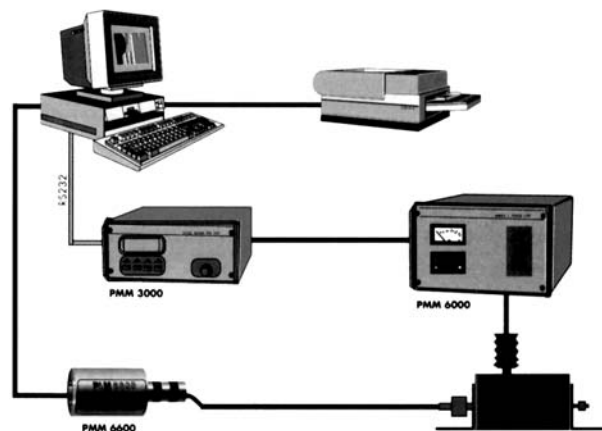


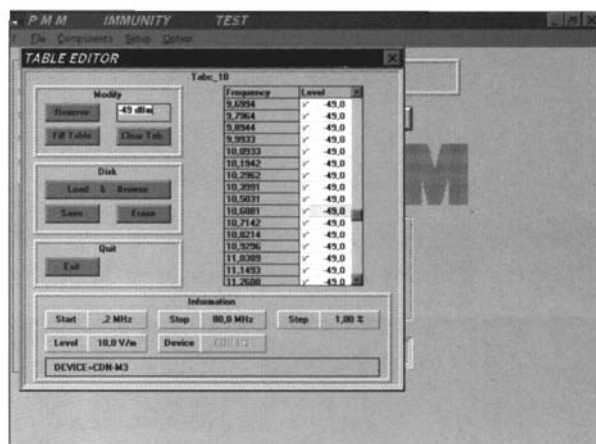
IMMUNITY TEST SYSTEM:

The **PMM 6000S** is a fully automated system that performs conducted immunity test according to most accredited international standards. The software has been designed to be fully expandable for future standards modifications and to support a wide variety of generators, power meters, and Coupling Decoupling Networks (CDNs) or injection clamps. Two key components of the system are: **PMM 3000** - a low cost/high performance RF generator, and **PMM 6000** - a 10 W amplifier to guarantee 10 V output for any CDN.



PMM 6000S

The software is extremely easy to use and very powerful. With few keystrokes, the user can calibrate the system, perform the test, save data and write their own report. The software assures precise and repeatable test conditions by creating specific tables (calibration curves) associated with any individual CDN or clamp and taking into account the whole system performance, including CDNs, amplifiers, generators, attenuators, and cables. Software operates under Windows™ and supports IEEE-488 as well as serial port to drive our PMM3000 generator and PMM6600 power meter. Up to 5 stops, at specified frequencies, may be set in a single test sweep. This is very convenient especially to change amplifiers, CDNs or to check/operate the EUT.



PMM 6000

EMC Test Systems are available for both immunity and emission tests. They are suitable for most common standards including IEC, FCC, VDE, CISPR/EN.

PMM 6000S/10 SYSTEM COMPOSITION:

PMM 3000	RF generator 100 kHz - 1 GHz
PMM 6000	10 W amplifier 9 kHz - 230 MHz
ATT-10W	10W, 6 dB attenuator
CDN-M3/16A	M3 CDN 16A
SW06	Control Software, cabling and calibration

As an option, you can order different amplifiers, generators and CDNs or clamps including calibration kit and wattmeter.

SW06 IMMUNITY SOFTWARE SPECIFICATIONS:

(The Real system performances are defined by the instruments used)

FREQUENCY SETTING RANGE	10 kHz - 1000 MHz Start/Stop frequency can be changed manually
LEVEL SETTING RANGE	1 - 100 V
FREQUENCY STEP SETTING	0.5% - 10%
DWELL TIME	100 ms - 10 sec.
BREAKPOINT NUMBER	5
DISPLAY FOR POWER METER INDICATION	Min./Max. generator output setting
AUTOMATIC GENERATION OF CORRECTION TABLES	Real Time with Display of System Status
BAR GRAPH SHOWING SWEEP INCREASE	Automatic Report all test parameters (including test time) can be printed or saved into a file

PMM 3000 (RF GENERATOR) SPECIFICATIONS

FREQUENCY RANGE	100 kHz - 1 GHz
RESOLUTION	1 kHz (below 100 MHz) 10 kHz (above 100 MHz)
LEVEL	-80 to 10 dBm
LEVEL FLATNESS	± 1 dB @ 0 dBm
OUTPUT CONNECTOR	N female (front panel)
HARMONIC	<-30 dBc @ ≤ 0 dBm
MODULATION	On/Off, Ext; Int
INTERNAL PULSE	200 Hz
MODULATION	
INTERNAL AM MODULATION	400 Hz or 1 kHz 80% sinewave
EXTERNAL	100 Hz to 10 kHz max. 90%
INPUT IMPEDANCE	< 1 k Ω
REMOTE CONTROL	RS232 / 485
DIMENSIONS (WxHxD)	257 x 110 x 315 mm



PMM 3000

PMM 6000 (RF AMPLIFIER) SPECIFICATIONS

FREQUENCY RANGE	9 kHz - 230 MHz
POWER OUTPUT	10 W minimum, Class A
GAIN	> 40 dB
FLATNESS	± 2 dB max.
INPUT CONNECTOR	BNC
OUTPUT CONNECTOR	N Female
HARMONIC	< -25 dB
DISTORTION	
SIZE (W x H x D)	257 x 154 x 356 mm

OPTIONS:

PMM6600 Power Meter

ARA757C Amplifier, 10 kHz - 1 GHz, 100W

ATT-100W 6 dB, 100W Attenuator

ARA747C Amplifier, 10 kHz - 1 GHz, 50 W

ATT-50W 6dB, 50W Attenuator

CALCDN calibration kit for CDN
installation and training.