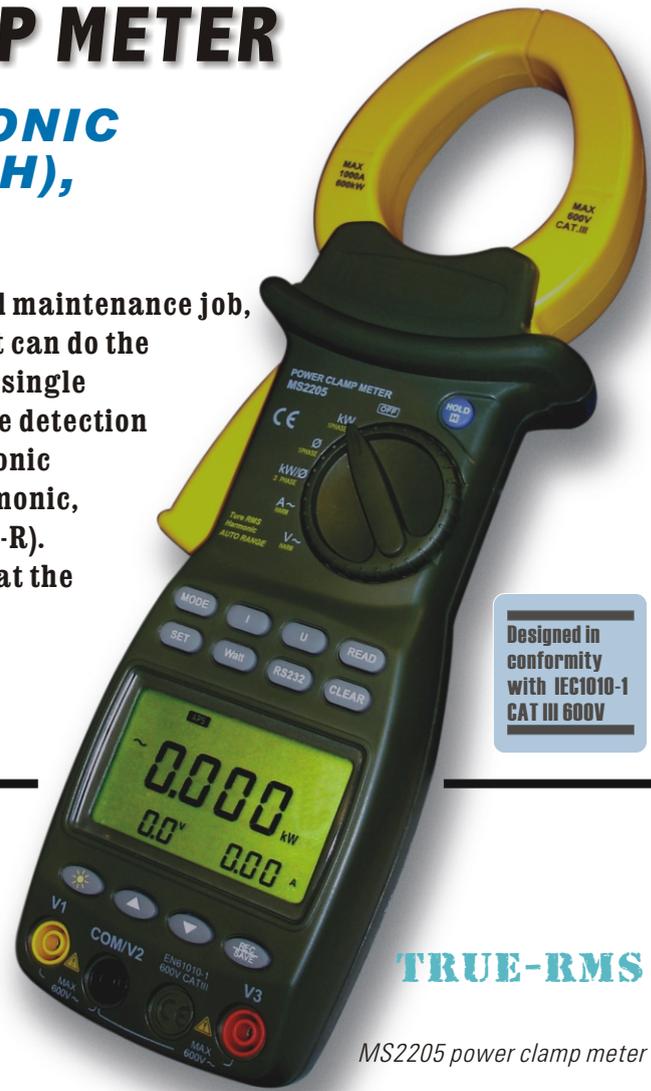


MS2205 POWER CLAMP METER

VOLTAGE/CURRENT HARMONIC MEASUREMENT(UP TO 20TH), AND THD MEASUREMENT

MS2205 is a powerful tool for electrical diagnostic and maintenance job, it combines various useful functions in one. Not only it can do the power measurements(active/reactive/apparent power, single phase or three phase), but also the power factor, phase detection measurement. The most advanced feature is its harmonic measurement function, it can measure up to 20th harmonic, and also the total harmonic distortion (THD-F and THD-R). With triple data display LCD, it's easy to get readings at the same time when doing the measurement. With built-in memory(up to 100 sets data storage), and stored data can be uploaded to PC.



TRUE-RMS

MS2205 power clamp meter

Features:

- 6000 counts, auto ranging, triple data LCD display with backlight
- True-RMS value, max/min/peak data recording
- Power measurement*: single phase, three phase(balanced loads)
- Voltage, Current, Active Power, Reactive Power, Apparent Power, Power Factor, Harmonic, THD-F, THD-R, Hz measurement
- Phase detection function
- Built-in memory, max. 100 groups of associated data can be stored for each test function
- Optical isolated RS232 interface, software for Windows

Standard accessories

- 1) Clip test leads
- 2) Software for Windows
- 3) Batteries
- 4) Carrying case
- 5) Optical RS232 cable
- 6) Operation manual

Notes:

- * Power measurement input sensitivity: 2A/50V
- ** Fundamental frequency can be set at 50Hz(fixed), 60Hz(fixed) or Auto. FFT analyze can only be made within fundamental frequency range 45Hz~65Hz when fundamental frequency set at Auto.

Specifications

Max Conductor Size	∅ 50mm
AC Current	20/40/100/200/450/1000A +/-2%
AC Voltage	80/180/400/600V +/-1.0%
Active Power	30/60/120/150/300/600kW +/-3%
Apparent Power	30/60/120/150/300/600kVA +/-3%
Power Factor	0.3 cap to 0.3 ind +/-0.02
Reactive Power	30/60/120/150/300/600kVAr +/-3%
Frequency	30Hz~1000Hz +/-0.5%
Phase Detection	normal/reverse/missing
Display	LCD 6000 counts. with back light
Power Source	4x1.5V AA

Harmonic Measurement(level of each order and THD-F/THD-R)**:
 Accuracy: +/-3% (best)
 Fundamental Frequency: 50/60Hz
 Windows Width: 256 points/cycle(50/60Hz)
 Windows Type: Rectangle
 Orders Analyzed: 1 to 20th