

# MS2205

## 1000A AC POWER CLAMP WITH HARMONICS MEASUREMENT



- 6000 counts multiple LCD display
- Measuring voltage, current, active /reactive /apparent power (single or three-phase), power factor, reactivity factor, phase angle, frequency, voltage/current harmonic levels (up to 20th) and total harmonic distortion (THD-F & THD-R)
- **True RMS** ensure high accuracy of measuring the non-sinusoidal waveforms or distorted waveforms
- Max /Min measurement for ACV, ACA and KW, KVA
- Phase detection: normal / reverse /missing
- **Data logging:** memories for 100 measures
- **RS-232C interface** to computer
- Data hold, auto power-off
- Safety as per IEC1010-1 Cat. III 600V

### Technical specifications

ACV: 80/180/400/600V,  $\pm 1.2\%$ ;

ACA: 20/40/100/200/450/1000A,  $\pm 2.0\%$

KW: 30k/60k/120k/150k/300k/600kW,  $\pm 3.0\%$

KVA: 3k/12k/30k/120k/150k/600kVA,  $\pm 3.0\%$

KVAR: 3k/12k/30k/120k/150k/600kVar,  $\pm 3.0\%$

PF ( $\cos\Phi$ ): 0.3cap ~ 0.3ind,  $\pm 0.02$  (or  $\pm 3^\circ$ )

Phase angle:  $0^\circ \sim 360^\circ$ ,  $\pm 1^\circ$

Harmonics: 1st to 20th,  $F_o=45\sim 65\text{Hz}$ ,  $\pm 3.0\%$

FREQ: 30Hz ~ 1kHz,  $\pm 0.5\%$

Max. clamp size:  $\Phi 50\text{mm}$

Battery: 1.5Vx4, AA size

Dimensions: 300x103x51mm

Weight: 500g approx.

REF: 012205X0000

✓ CE (EMC), □ UL, □ CE (LVD)