

MS2205

1000A AC POWER CLAMP WITH
HARMONICS MEASUREMENT



REF: 012205X0000

✓ CE (EMC), □ UL, □ CE (LVD)

- 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 Φ): 0.3cap ~ 0.3ind, ± 0.02 (or $\pm 3^\circ$)

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

Harmonics: 1st to 20th, $F_0=45\sim 65\text{Hz}$, $\pm 3.0\%$

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

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

Battery: 1.5Vx4, AA size

Dimensions: 300x103x51mm

Weight: 500g approx.