

You might think I am just a multimeter...

690V **TRMS AC+DC** **LoZ** **easySAFE** **autoChange**

- ▶ Autorange measurements with automatic AC/DC detection.
- ▶ DC, AC TRMS, AC+DC TRMS voltage up to 690V.
- ▶ Low impedance voltage input to eliminate ghost voltage readings.
- ▶ DC, AC TRMS, AC+DC TRMS current by means of external transducer.
- ▶ Frequency of voltage and/or current.
- ▶ Resistance and continuity with buzzer.
- ▶ MIN/MAX/PEAK/HOLD functions.
- ▶ 6000 counts.



TRMS AC+DC current measurement.



AC current measurement with flexible transducer F3000L.



RCD tripping time and current measurement.



Current harmonic measurement.



RCD

- ▶ I can measure the tripping time of RCDs type A and AC up to 300mA* and the tripping current of RCDs type AC up to 30mA (RAMP test).
- ▶ My AUTO function makes everything more immediate: my display will show you the 6 consecutive tests (X2, XT, X2, X5, 0, 180°) for a full RCD check.
- ▶ I will show you an unequivocal response OK or NOT OK.

Ra+

- ▶ I'm Jupiter... and I'll show you the Earth. Non-trip earth ground resistance and Line (Loop) impedance.
- ▶ In IT Systems I measure the non-trip earth ground resistance.
- ▶ I can identify incorrect connections of the protection cable. I can detect dangerous voltages on the metal masses and I constantly keep under control the contact voltage in order to prevent dangerous conditions due to an inefficient earthing system.
- ▶ I measure the Line-to-Neutral, Line-to-Line and Line-to-Ground impedance and I calculate the prospective short-circuit/fault current.

Loop

H/H%
HARMONICS

- ▶ Harmonics have no secret for me: Harmonics and THD%.
- ▶ I measure voltage and current harmonics showing both numeric and percentage terms.
- ▶ I measure the THDV% and the THD%.
- ▶ My function H40 (Higher Harmonic Ordering) sorts harmonics showing highest values first so you can easily size filters and protections.

THD%

H



I don't follow a current, I follow them all!
Current measurement.

- ▶ I can measure DC, AC TRMS, AC+DC TRMS current by means of external transducers up to 3000A.
- ▶ With the optional transducer HT960UF** I can measure the leakage current.
- ▶ I can select the time base to measure the dynamic inrush current of motors and loads (DIFC function).



Everything in its right... sequence.
Phase sequence.

- ▶ I need just one lead to detect the phase sequence.

* 300mA, 300V, 300V, 300V, 300V, 300V

My name is Jupiter. Why to choose me? Just because I am out of this world.

- ▶ I am the only multimeter capable of testing the electrical installation safety.
- ▶ I compare each measure with the limits provided by the guidelines, so to provide a clear OK / NOT OK result.
- ▶ My functions are available on high-end instruments only.
- ▶ I allow a wide range of external transducers to measure AC TRMS, DC, AC+DC, and inrush current.
- ▶ I am Portable, Rugged and Compact.