

A. T. M. S.

Proven Advanced Technology Solutions

MULTI-Flex + Digital AC MultiMeter

by MADE-SA

- AC Amps, Volts & Power
- Flexible, slim Rogowski coil Current Pick-Up
- Current 0 to 2000 A.
- Voltage 0 to 480 V
- Power 0 to 1000 kW
- Power Factor 0 to 1
- Continuity Test
- **Category IV**

Multi-Flex is a simple AC current, voltage and resistance measuring instrument which can show the measured Current, Voltage, the calculated Power or the Power Factor on a four-digit display. The current measurement channel uses a Rogowski coil current transducer for easy access in tight corners and is autoranging. The current and voltage measurements are the RMS values over 1 second, and the calculated Power and Power Factor values have the same resolution.

The **new** Continuity Test function includes a Buzzer which sounds for resistances below 200 Ω .



UPDATED ! Continuity Buzzer

The instrument has a wrist strap to free both hands for the probes. The “ON” button also serves to select which parameter is displayed, and there is an “OFF” button to turn off the meter which in any case will shut down to save battery life after five minutes inattention.

The instrument has a four-digit display, easily read in bright daylight, with backlighting as well, and is ideal for taking measurements and checking earth connections in a sub-station, and in many other LV situations.

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MULTI-Flex is an AC Ammeter, Voltmeter and Ohmmeter with a four-digit display which can also show the calculated Power and Power Factor. It is powered by a standard PP3 9V. battery giving over 8 hours continuous use. Voltage is measured with two fused probes on leads. Current is measured by a slim, flexible MADEFlex (Rogowski) coil which is ideal for measurement in the confined spaces often found in sub-stations. The Power and Power Factor (Cos ϕ) are calculated from the voltage and current measurements. The **new** Continuity Test function has a buzzer which sounds for resistances below 200 Ohms and the display shows horizontal bars if it is connected to a voltage source.

This versatile instrument draws on the depth of experience of in-the-field instruments of **MADE-SA** and requires no training for its use to provide instantaneous LV measurements in all situations.

Current auto ranges

Current Coil Lengths & Diameters

Voltage auto ranges

Power range

Power Factor

Continuity test

Sample rate

Accuracy

Temperature range

Power Supply

Display



The instrument is **CAT IV**, (480V/2KAmps) and is weather/dust proof to **IP55**.

It is built to -

NF EN 61000-3-1 for EMC and

NF EN 61000-6-1 for Electrical

Security.

It is supplied in a robust carrying case

0 - 50, 200, 400 or 0-2000 Amps ac

50 cm/10 mm **OR** 30 cm/5 mm

0 - 100 or 480 Vac (max.600V)

0 - 1000 kW

0.00 - 1.00

0 - 2000 Ω Buzzer for 0 - 200 Ω

RMS values 1 second

1% of reading + resolution, 45 to 65 Hz

Operation $-20 - 50^{\circ}\text{C}$, storage $-20 - +70^{\circ}\text{C}$

1 9V 6 LR 61 battery, 8 hours use

4 digits