



# MULTI-Flex+

## ELECTRIC OPERATING

### MULTIMETER



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# MULTI-Flex+



## MULTIMETER



### FUNCTIONS

MULTI-Flex+ is a digital multimeter, equipped with a flexible Rogowski coil current transducer (MADE-Flex™) for measuring the voltage and current and for checking the continuity on the low voltage network .

The combination of these two inputs enables the calculation of the instantaneous active power and Cos Phi on the electric network.

MULTI-Flex+ , includes a flexible Rogowski coil current transducer. It is provided in a carrying case, including two voltage cable, equipped with IP2X insulated plugs.

### TECHNICAL CHARACTERISTICS

<b>Input Current</b>	MADE-Flex - 2000 Amp AC - Band width 10Hz-10kHz
<b>Entrée tension</b>	Fiches bananes protégées et 2 cordons IP2X
<b>Input Voltage</b>	Protected banana plugs and 2 leads IP2X (Mechanical Protection)
<b>Range of current measurement</b>	4 ranges : 50, 200, 400, 2000 AC RMS
<b>Range of voltage measurement</b>	2 ranges : 100 - 480V AC RMS
<b>Range of power measurement</b>	1 range : 0 - 100 kW
<b>Range of cos(Φ) measurement</b>	1 range : 0.00 to +1.00
<b>Continuity test</b>	1 sound alarm starting at 200Ω 0 to 2KΩ
<b>Peak factor</b>	2.5 at the nominal intensity
<b>Maximum current</b>	MADE-Flex 10 KA dielectric behavior
<b>Number of channels</b>	2 measurement ways (current and voltage)
<b>Resolution</b>	Unit of the last digit displayed
<b>Sampling</b>	1 second RMS values
<b>Accuracy</b>	0.3% (max value in a range) < P < 5% (low value in a range); with respect to a signal frequency between 45 and 65 Hz
<b>Influence of the sensor shape</b>	1% for an oblong form
<b>Influence of an adjacent conductor</b>	1% of the stray current with 50 Hz
<b>Influence of the conductor position</b>	1%
<b>Temperature range</b>	Operation : -20 °C to 50 °C ; Storage : -20 °C to 70 °C
<b>Power Supply</b>	9V Type E-BLOCK 6 LR 61. PP3
<b>Battery Life</b>	Approx. 8h on battery – uninterrupted
<b>Display</b>	4 digit display
<b>IP Standard</b>	IP 55
<b>Dimensions</b>	330 x 280 75 mm
<b>Weight</b>	1.1 Kg

