

# MULTIFLEX+

## Digital 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+, is provided in a carryind case, including two voltage cables, equipped with IP2X insulated plugs.



### TECHNICAL CHARACTERISTICS

<b>Current Input</b>	MADE-Flex - 2000 Amp AC - Bandwidth 10 Hz-10 kHz
<b>Voltage Input</b>	Protected banana plugs and 2 IP2X leads (Mechanical Protection)
<b>Range of current measurement</b>	4 ranges : 50, 200, 400, 2000 A AC RMS
<b>Range of voltage measurement</b>	2 ranges : 100 - 480 V 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 200 Ω 0 to 2 kΩ
<b>Peak factor</b>	2.5 at nominal intensity
<b>Maximum current</b>	10 kA (MADE-Flex dielectric features)
<b>Number of channels</b>	2 measurement ways (current and voltage)
<b>Resolution</b>	Unit of the last displayed digit
<b>Sampling</b>	RMS values : 600 ms integration
<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 %
<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>	9 V Type E-BLOCK 6 LR 61. PP3
<b>Battery Life</b>	Approx. 8 h 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

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