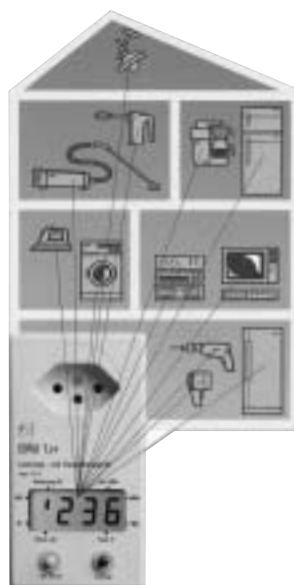


You can count on us

EMU 1 Energy and Power Meter

The EMU 1 is an easy-to-use Single-phase Energy and Power Meter for industry, technical schools, business, workshops and private households. It fits every power socket to measure the energy and power of electric appliances connected. It displays the voltage, the instantaneous current consumption and the running costs of the energy being consumed. When supply fails or when the plug is removed from the socket, all data remain stored.

The Set/Reset Button allows to program the actual cost per Kilowatt-hour.



Technical Data:

■ Voltage	176–264 V
■ Current	0.01–16A (10A)
■ Frequency	45–65 Hz
■ Power Factor	0.02–1
■ Accuracy class	Cl. 2 to IEC 1036
■ Protection class	1 IP20

Display	Range	1.24	1.28	1.29
Active energy	0.0 - 999 Wh	X	X	X
	1.0 - 999 kWh	X	X	X
Instantaneous Active Power	0.00 - 999 W	X		
	1.00 - 999 kW	X		
	0.000 - 999 kW		X	X
Cost per kWh, cent or other currency	0.9 - 99.9 units	X	X	X
Total consumption cost, Euro or other currency	0.99 - 999 units	X	X	X
Instantaneous voltage	176 - 264 V	X	X	X
Instantaneous current	0.01 - 16 A (10 A)	X	X	X
Instantaneous network frequency	45 - 65 Hz		X	X
Instantaneous power factor	0.01 - 1		X	X
Active power demand	0 - 4.22 kW (2.64 kW)		X	X
Demand periods 5, 10, 15, 30 or 60 min.			X	X
Apparent energy	0.00 - 999 kVAh		X	
Instantaneous Apparent Power	0 - 4.22 kVA (2.64 kVA)		X	
Reactive energy	0.00 - 999 kvarh			X
Instantaneous Reactive Power	0.0 - 4.22 kvar (2.64 kvar)			X
Infra-red impulse output, ti approx. 250 ms	1 Imp. per Wh	Option	Option	Option

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