

## Single-phase energy and power meter for analysing your energy costs

EMU Check helps you saving energy and costs for private use such as in household, garage, cellar, or kitchen equipment, etc. or in a business and industrial environment such as offices, technical colleges, schools etc. Current, voltage, power rating and cos Phi are becoming commonly used terms.

Your energy costs can be easily analysed!

### Technical data:

Voltage	140 to 264V
Current	10mA to 10A with CH plug / 16A with Euro plug
Starting current	> 2.3 watt
Frequency	45 to 65 Hz
Accuracy	Classe 2, according to IEC 61036 from 2.3 – 11.5 watt (+/- 2.5% on instantaneous value), > 11.5 watt (+/- on instantaneous value) non-sinusoidal tension with phase shifting between current and tension can be measured. Also a minimum loading can be measured.
Protection class	1 IP 20
Temperature	Operating: -10 °C - +50 °C Storage: - 40 °C +70 °C

**User operating parameters retain even during power outage. No batteries needed.**

### Performances:

1. Ongoing active energy (kWh)
2. Setting of cost per kWh
3. Total energy costs, resettable
4. Instantaneous active power (W - kW)
5. Instantaneous voltage (V)
6. Instantaneous current consumption (A)
7. Instantaneous power factor (Fo) cos Phi

### Available for the following countrys:

Switzerland, Germany, Austria (Schuko)  
France, Slovakia, Czech Republic,  
Australia



### **Included in delivery:**

EMU-Check inkl. black case.

**Additional versions: EMU Check Level** can be programmed for level and time records above pre-set level (watt), even if the performance level is exceeded.