

SPECIFICATIONS

Voltage Supply and Voltage sampling

Magnetic test tips provide power supply and voltage samples. No additional power supply is required. Electrical values such as voltage and current are actually measured.



Current metering

Current probes based on the rogowski coil principle or clamp-on current transformers measure an alternating current (AC). Metering of all electrical quantities: various consumers, main distributions and sub distributions can be measured.

Rogowski coils

Current	Diameter
100A	25mm
250A	30mm / 50mm
500A	50mm / 100mm
1000A	100mm
3000A	150mm

Uncertainty

± 1% for U, I, P, S, < 3% for L, Q, all devices are calibrated and come with a dated certification

Measurement rate

up to 25,000 measurements / sec 1MB internal flash memory. Option: 8GB SD card

Communication / interfaces

intern and extern WLAN, MQTT

Dimensions / weight

127mm x 89mm x 38mm / 445g (Emonio P3 80)

PRICES (SELECTION)



EMONIO P3

including...

80A clamp-on current transformer and magnetic test tips

1MB internal flash memory

Option: 8GB SD card

€399*

€459*

100A Rogowski coils and magnetic test tips

€519*

€579*

250A Rogowski coils and magnetic test tips

€549*

€609*

500A Rogowski coils and magnetic test tips

€579*

€639*

* 19% VAT included

Order today

Mail: shop@emonio.de

or call us:

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More informations at www.emonio.de

Manufactured by:

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EMONIO



TÜV certificate
according to
DIN EN 61010-1

3-PHASE POWER LOGGER

Developed specifically for
measuring electric power in
energy efficiency projects.

- Energy audits
- DIN EN ISO 50001
- Energy consulting



EMONIO P3 MEASURING DEVICE

The Emonio P3 measuring device is a three-phase data logger for measuring the electricity consumption.

As a power measuring device it measures alternating current and voltage, and uses these values to calculate the electric power and the energy consumption of house connection points, main and sub-distribution nodes, devices and systems. It is suitable for use with single and three-phase alternating current.

The Emonio P3 Power Logger connects non-invasively to any distribution cabinet.

The Emonio P3 provides **fast and precision measuring data**. The current is measured non-invasively by Rogowski coils or current transformers (CTs).

The data can be analysed onsite or online at my.emonio.com.



FEATURES

- ✓ Developed by energy consultants
- ✓ Ideal for simultaneously measuring various consumers at different locations
- ✓ Quick and easy installation
- ✓ Current sensors (amp range) exchangeable per device
- ✓ Easy to configure
- ✓ Onsite communication via in-device WiFi
- ✓ Realtime visualisation of the measurement data on any WiFi-enabled device
- ✓ Realtime visualisation and analysis tools at my.emonio.de
- ✓ Load profile by second or 15 min values in kW with time stamp
- ✓ TLS 1.2 encryption standard
- ✓ OEM whitelabelling possible
- ✓ TÜV certificate according to DIN EN 61010-1

ANALYSE

Analyse and visualise on my.emonio.de:

- ✓ Data visualisation in realtime, 15 minutes, daily, weekly, and monthly values
- ✓ Steplessly variable time interval (zoom)
- ✓ Different chart types (bar, line chart, etc.); can be displayed in individual dashboards
- ✓ Project and user group management with read and write permission



Measuring values at a glance: as csv file or at my.emonio.de

