



econ case –

Identify energy consumers

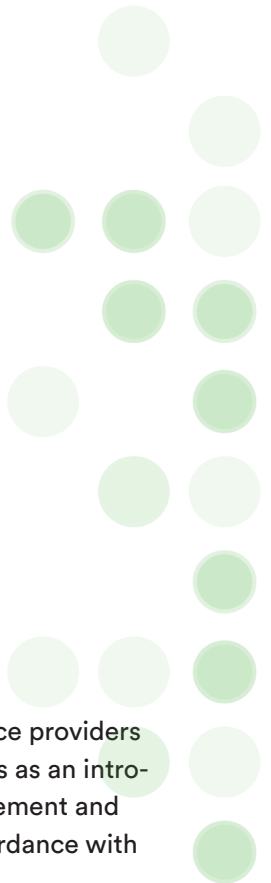
quickly and easily

Are you looking for a quick and easy way to measure and analyze electrical power, energy, currents and voltages?

This is the core competence of our econ case - a pre-assembled measuring system for mobile and temporary measurements of distributions or consumers.

A product for:

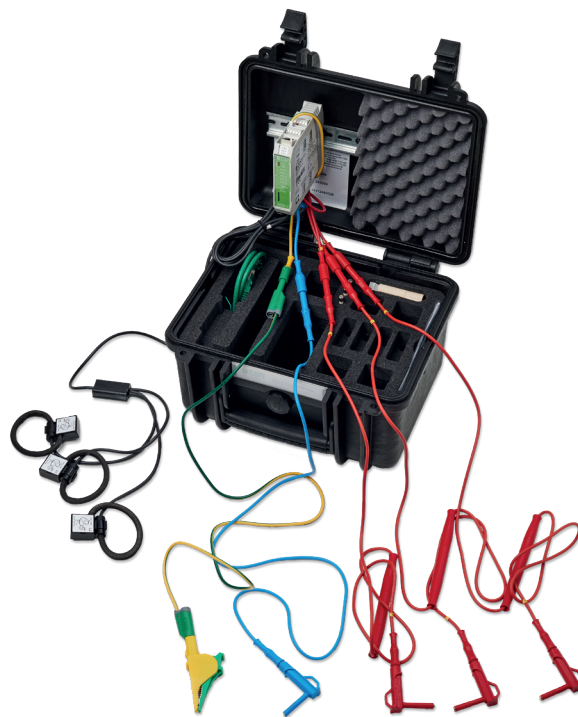
- Energy consultants and energy service providers
- Industrial and commercial companies as an introduction to successful energy management and for power quality monitoring in accordance with EN50160



Mobile measuring system with integrated software

The measuring system is installed in a robust plastic case, making it ideal for measurements in industrial environments and ensuring dust-protected transportation. It consists of the econ sens3 energy and power meter, the econ coil set, the econ sens3 V-Kit safety measurement power set as well as the econ sens3 PRO Upgrade for power quality measurement in accordance with EN50160. Pre-assembled Rogowski coils for L1, L2 and L3 for current measurement up to 400 A as well as the econ sens3 V-Kit for voltage measurement and supply ensure an uncomplicated and safe connection and measurement setup within a few minutes. For smaller currents (up to 125 A), a folding transformer set

can be ordered optionally such as a Rogowski coil set for larger currents (up to 3000 A). The econ case has an SD memory card for recording measured data as well as an integrated web interface (evaluation software), which enables immediate analysis of the measured values.



Export of measured values:

- Export of stored measured values in CSV format
- Simple preparation and further processing
- Simple integration and manual import of the measured values into the econ4 energy management software possible
- Connection of various sensors

The evaluation software can be accessed quickly and easily via your Internet browser without the need for additional software. The values of the measured variables are stored in the internal memory in different time resolutions from seconds to daily, weekly and monthly values. There is no need for permanent access to the web interface during the measurement.



Analysis and evaluation:





- Graphical and tabular display of measured values
- Display of various values for electrical power and energy as well as currents and voltages
- Instantaneous value display and historical data tables



To the data sheet

econ case

Versions, extension modules and accessories

Product	Description	Item number
	<p>econ case</p> <ul style="list-style-type: none"> o sens3 energy and power meter, V-Kit and 400A Rogowski-coils 	EC243559
	<p>econ sens3 - Plug-in power supply 24V</p> <ul style="list-style-type: none"> o For reading out data at the office workstation 	EC252429
	<p>econ sens3 - Folding transformer set</p> <ul style="list-style-type: none"> o For current measurement up to 125A 	EC247518
	<p>econ sens3 - Rogowski-coils</p> <ul style="list-style-type: none"> o For current measurement up to 3000A (400mm) 	EC235018