

RECON T Portable Energy Recorder



DESCRIPTION

The **RECON T** is a compact and robust portable electrical energy logger.

Today's increasing energy costs and environmental concerns demand more sophisticated energy recording tools. Knowing precisely where and when energy is used is the first step in any energy management program.

The CESINEL RECON series of high-performance electrical energy loggers set a new standard in functionality, versatility, compactness, and ease of use.

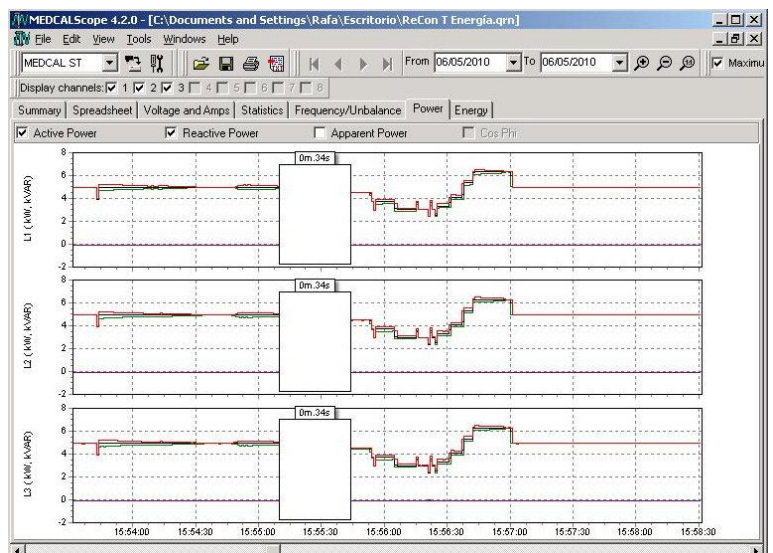
The system is supplied with built-in flexible coils so that installation of the logger takes only a matter of minutes. After installation the logger will automatically record all your energy consumption parameters for later retrieval, either via the local USB port or remotely via the built-in Ethernet adaptor.

Full feature software is included with system for the analysis of data recorded.

The MEDCALScope software package is a sophisticated and simple to use tool that will help you in setting up your logger, producing printed reports, analyzing your power consumption patterns and saving your recordings for future reference or regulatory compliance.

Applications include

- Understanding energy costs
- Improving efficiency
- Evaluating energy-saving devices
- Exploring alternative energy solutions
- Determining your carbon footprint
- Installation & building sub-metering



TECHNICAL SPECIFICATIONS

Measured Parameters

- RMS Voltage
- RMS Current
- Active, Reactive and Apparent Power
- Power Factor
- Active and Reactive Energy

Voltage Range

- 300 – 400 V three phase, 40 – 70 Hz
- Delta and Wye connection

Current Range

- 50 to 3000 Amps

Integration Periods

- 1s, 5s, 10s, 30s, 1min, 5min, 10min, 30min, 60min

Recording Capacity

- Over 6 months with 10 minutes integration period

Usability

- Built-in flexible current coils
- Built-in LCD display for real-time measurements
- Easy to use analysis and reporting software
- Isolated USB interface
- Isolated Ethernet interface with built-in web server
- Full feature software included
- Outdoor-use IP65 protection
- Pole and wall mounting kit available

Dimensions and weight

- Height: xxmm
- Width: yymm
- Depth: zzmm
- Weight: 1.2kg including cables and current coils

Operational conditions

- Temperature: -10°C to 45°C
- Humidity: <80%
- Altitude: 2500m

Storage Conditions

- Temperature: -20°C to 80°C
- Humidity: <90% non condensing
- Altitude: 2500m

For details of further systems to monitor energy use, voltage variations and other power quality aspects and automatic load control systems contact NewFound Energy Limited.

NewFound Energy Ltd

Park View House - Worrall Street - Congleton
CHESHIRE CW12 1DT

Tel +44 (0) 1260 290151 Fax +44 (0) 1260 290811

www.newfound-energy.co.uk e-mail: info@newfound-energy.co.uk