



AUTOMATED

PROCESS

L I M I T E D

...innovative know-how

- Energy Analyzer & Wi-fi Web Data Manager
- Energy Meters/analyzers and Transducers/analyzers
 - Multimeters – Power Meters – Energy Analyzers
 - DC Energy Analyzer and Renewable Energies
 - Gateway, Data Logger and Web Data Manager
 - Input/output Devices
- Energy Monitoring and Management Software
 - Accessories

Energy Management System

ENERGY MANAGEMENT SYSTEM



Measurement and control instruments for energy measurement, monitoring, and automation in industrial and commercial environments.

- o Energy Analyzer & Wi-fi Web Data Manager
- o Energy Meters/analyzers and Transducers/analyzers
- o Multimeters – Power Meters – Energy Analyzers
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- o Gateway, Data Logger and Web Data Manager
- o Input/output Devices
- o Energy Monitoring and Management Software
- o Accessories



ENERGY MONITORING AND MANAGEMENT SOFTWARE
energy consumption / production
environmental and process parameters



ENERGY ANALYZERS & WI-FI WEB DATA MANAGER



- o **Kilo D6**, Power Quality Energy Analyzer & (Wi-Fi) Web Data Manager in DIN Rail mounting.
- o **Kilo 96**, Power Quality Energy Analyzer & (Wi-Fi) Web Data Manager in flush panel mounting.
- o **GigaBox**, Power Quality Energy Analyzer & Web Data Manager as a portable/mobile unit.
- o **Lyra ECT**, Energy Analyzer & Wi-Fi Web Data Manager (also battery powered) in wall mounting.
- o **Libra Panel**, Pre-wired, plug & play Energy Automation and Expansion Panel for energy monitoring and management of electrical loads, energy production from renewable sources, other utilities (such as electricity, water, compressed air, natural gas, steam) and environmental parameters.
- o **Exa D6 (Also MID Versions)**, Power Quality Energy Analyzer & (Wi-Fi) Web Data Manager in DIN Rail mounting.
- o **Exa 96 (Also MID Versions)**, Power Quality Energy Analyzer & (Wi-Fi) Web Data Manager in flush panel mounting.



ENERGY METERS/ANALYZERS AND TRANSDUCERS/ANALYZERS



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o **FEMTO D4**, Single / three-phase energy counter / analyzer in DIN

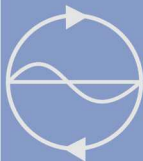
Rail mounting.

o **FEMTO MID D4**, Energy counter / analyzer for three-phase low voltage in DIN Rail mounting.

o **FEMTO 96**, Single / three-phase energy counter / analyzer in flush panel mounting.

o **ATTO D4**, Single / three-phase energy transducer / analyzer in DIN Rail mounting.

o **LYRA ECT**, The Lyra ECT RS485 contains two three/single-phase transducers/analyzers.



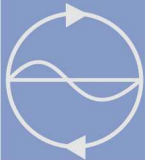


MULTIMETERS – POWER METERS – ENERGY ANALYZERS



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- o ZEPTO D6, Multimeter/Energy Analyzer in DIN Rail mounting.
- o ZEPTO 96, Multimeter/Energy Analyzer in DIN Rail mounting.



DC ENERGY ANALYZER AND RENEWABLE ENERGIES

o **FEMTO 4HALL NET D6**, DC Energy Analyzer & Wi-Fi Web Data

Manager in DIN Rail mounting.

o **FEMTO D4 DC**, DC energy analyzer / counter, suitable for photovoltaic systems with backlitged LCD graphic display.

o **ATTO D4 DC**, DC energy transducer / analyzer suitable for photovoltaic or battery systems.

o **VOLTAGE DIVIDER D2 DC**, Voltage divider for FEMTO DC up to 900 V. 3:1 ratio.

o **VOLTAGE DROP (SHUNT)**



GATEWAY, DATA LOGGER AND WEB DATA MANAGER

Yocto net D6 Web is a Network Gateway & Energy Automation device for the supervision and the energy management of any kind of system in the industrial, commercial, civil, renewable energies, etc.

Using Yocto net D6 Web and the other measuring devices of the Electrex product range will permit you to manage, with a single system, any kind of energy data and environmental parameters: electricity, gas, water, compressed air, temperature, humidity, luminosity, CO2, etc.



INPUT/OUTPUT DEVICES

RS485 Module D2 & D4

The RS485 Module are devices to be included in an Electrex RS485 monitoring network for adding digital and/or analogue inputs/outputs and/or sensors for process and environmental parameters.

Available in two different sizes:

2 DIN rail modules(**RS485 Module D2**) and

4 DIN rail modules (**RS485 Module D4**).



ENERGY MONITORING AND MANAGEMENT SOFTWARE



o Energy Brain 6.x & Pro 6.x

Software for the monitoring and management of energy, environmental and process parameters.

o **Energy Brain Cloud 4.x** is the software for displaying and managing via a web browser (on a variety of devices such as PCs, tablets and smartphones) the data, measurements, instantaneous and historic graphs acquired by Electrex devices.



ENERGY MONITORING AND MANAGEMENT SOFTWARE

energy consumption / production
environmental and process parameters



ACCESSORIES

- o Power quality current transformer.
- o Split core current transformer.
- o Flexible split core current transformer
- o Cable adapters
- o Cable extension
- o Antennas, mountings, and cables
- o Pulse output repeater
- o Power supply units and battery charger



OUR INDUSTRIAL SOLUTIONS AND SERVICES OFFERING



1. Liquid/gas storage/buffer tank level measurement and control
2. Liquid/solid dosing/filling/batching systems
3. Utility liquid/gas metering and inventory systems
4. Fluid loading and unloading systems
5. Industrial safety systems
6. Energy monitoring and management systems
7. Condition monitoring and control systems
8. Instrument maintenance and calibration services
9. Process plants/machines instrumentation and control
10. Compressed air quality solution according to ISO8573
11. Compressed air/gas leak detection and control
12. Control valves system design, assembly and services
13. Industrial wireless and IoT systems
14. Motors, pumps and fans monitoring and controls
15. Electrical panel building components, accessories and services

INDUSTRY

- Food and Beverage
- Pharmaceuticals
- Cement and Chemicals
- Plastics, Printing and Packaging
- Marine, Oil & Gas
- Power and Energy



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