

Power & Energy Meters

A precise solution for monitoring energy use

Power meters provide you with a simple solution to power consumption monitoring so that you are always aware of your usage.

By monitoring your energy usage you can manage your costs more accurately, make your process more efficient and avoid fines for running over your electricity tariffs. With single phase and three phase power meters available we have the perfect power meter solution for your process.



CDA Power Meters provide:



Tariff Charge Protection

Helping you to control and monitor your energy consumption to avoid exceeding electricity tariffs.



User Friendly Interface

Clear and precise displays in numerous formats provide easy visual management of vital process information.



Save on Energy Costs

By monitoring your processes energy use and costs you can work to improve consumption to create savings.



Flexible System Integration

A wide range of communication types allows full integration into any external operating & management system.

Typical applications for Power Meters include:

- HVAC Industries
- Automation Systems
- Tariff Critical Processes
- Power switching Systems
- Renewable Energies
- AC Motors
- Medical Sectors
- Infrastructure
- FDA Validated Sectors
- Water/Waste Water

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Power & Energy Meters - *our most popular models*

Single Phase Power Meters

Single phase power meters help to ensure your process runs within energy tariffs. With clear front panel displays these power meters can monitor RMS Current (AC), RMS Voltage, Frequency, Active power, Active energy and many more. This includes up to 4 alarm outputs and max/min values can also be stored for all measured quantities. This provides you with a simple solution to monitor the power consumption in your process.

Model: N27D **Prices from £59.50**



Three Phase Power Meters

Our range of digital metering devices offer measurement and display of all major electrical and power quality parameters including true rms values, power quality data and measurement of total harmonic distortion (THD).

The range offers optional relay, pulsed, analogue, RS485, Modbus & Ethernet, DIN or ANSI case styles and high quality LED, LCD or TFT touchscreen displays.

Model: ND10 **Prices from £105.19**

Clamp Meters

Clamp meters provide an accurate and instant method to measure current (up to 400A), voltage (up to 600Vac & dc) and resistance (up to 4kΩ). The Fluke 323 clamp meter has safety ratings CAT IV 300V & CAT III 600V and packaged in a slim and ergonomic design making it easy to use, with a clear display for quick visual information.

Model: Fluke 323 **Prices from £99** (Standard Version)



Model Type	Phases	Display Digits	Sizes	Alarm outputs?	Display features	Communication Options
N30P	Single Phase	5 digits	1/8 DIN 48x 96mm	Yes (4 Alarms)	Tri-colour LED display	RS485 comms, conversion of values to 4-20mA or 0-10V, storage of max/min values
N27D	Single Phase	4 digits	DIN-rail Mount 53x 110mm	No	Yellow LED display	Suitable for switchgear installation, direct measurement up to 63A
ND10	Three Phase (4 Wire)	4 digits (3 line)	1/4 DIN 96x 96x 77mm	Yes (2 Alarms)	LCD display 3.5"	RS485 comms, Pulse output for active energy, high measurement accuracy
N10/N10A	Three Phase (3 or 4 wire)	4-5 digits (4 lines)	144x 144x 77mm	Yes* (2 Alarms)	Red or Green LED display	RS485 comms, storage of max/min values, impulse input
N43	Three Phase (3 or 4 wire)	3 Per value	105x 110x 60mm	Yes (3 Alarms)	Orange LED display	RS485 comms, Pulse output for active energy, direct measurement up to 63A

Available on certain models

V2-0615

About CD Automation

We are a UK based technology company that strives to become your favourite supplier & industrial partner.

Contact CD Automation

Tel: 01323 811100
Email: help@cdautomation.co.uk

Thyristors &
Solid State Relays

AC Motor
Soft Starters

RFI / EMI
Power Filters

Power & Energy
Meters

Temperature
& Process
Controllers

Data Recorders

HMI's, Indicators
& Panel Displays

Signal
Conditioning,
Probes & Sensors