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Measurement is our business

The Chauvin Arnoux Group and Enerdis

The Chauvin Arnoux Group, a French designer and manufacturer of measurement instruments, is acknowledged as a major player in the electrical sector and is strengthening its position on the physical measurement market. At the heart of electrical measurement activities, it plays a crucial role in the implementation of energy management and control systems.

Its scope covers applications as diverse as basic measurement of electrical parameters, network monitoring – from energy production through to distribution to end-users – safety of property and people, equipment maintenance and energy supply quality.

THREE COMPLEMENTARY PROFESSIONS — GLOBAL EXPERTISE

The Chauvin Arnoux Group is bolstering its position as the European leader in measurement by consolidating its technological advance and its status as a designer and innovator **servicing safety and energy performance.**

7 BRANDS:

Chauvin Arnoux®,
Enerdis®,
Pyro-Contrôle®,
Metrix®, **Multimetrix®**,
AEMC®, **AMRA®**

designed to meet the requirements of every professional, in France and worldwide.

A GLOBAL PRODUCT OFFERING

from power socket testers to laboratory oscilloscopes, from temperature sensors to power relays, from energy meters to electrical network quality analysers: references for every need.

A SPECIALIZED LOCAL SALES STRUCTURE

Chauvin Arnoux commercializes handheld electrical measurement equipment (Chauvin Arnoux®, Metrix® and Multimetrix® brands).

Enerdis offers the electrical industry and the tertiary sector a comprehensive range of fixed switchboard-mounted electrical equipment for measuring, controlling and monitoring the power distribution system.

Pyro-Contrôle, meanwhile, develops made-to-measure or standardized temperature sensors and proposes management and control solutions for thermal processes in industry.

A SINGLE BRAND NAME FOR TOP AFTER-SALES SERVICE

In France only, Manumasure offers its technical expertise for repairs, metrology and after-sales service, backed by its local network of thirteen agencies covering the whole country.



KEY FIGURES

- ▶ **1 international structure**
1 Group, 3 businesses, 1 service division, 10 subsidiaries worldwide
- ▶ **1,200 employees**
- ▶ **6 Research & Development centres** and **11 % of turnover** invested in RDD
- ▶ **6 production sites:**
3 in Normandy, 1 in Lyon, 1 in Milan (Italy), 1 in Dover (USA)
- ▶ **10 subsidiaries:**
Europe, China, Middle East and United States

Within the Chauvin Arnoux Group, **Enerdis** proposes a wide spectrum of **fixed measurement, metering and supervision equipment for electrical networks**. Drawing on more than ten years' experience in energy management, **Enerdis** is further strengthening its position in terms of energy efficiency with its recent launch of particularly innovative products and systems such as the **Enerium power monitors** and the **E.online** management software.

A GLOBAL PRODUCT AND SERVICE OFFERING

► Measurement



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Panel meters
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► Analysis



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Network analyzers
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Energy management software
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► Solutions



Power factor correction
► catalogue 906131101

► Services



► page 86

A dedicated department proposes audits and troubleshooting services for your electrical networks.

► Relays and automatic systems



► catalogue 906130103



Energy efficiency: the approach

Energy performance project



In a context where **savings and productivity** need to be combined with sustainable development, Enerdis is positioned as a provider of **energy efficiency solutions**.

Consuming better or less means setting up a structured process to:

- produce a comprehensive survey of consumption,
- detect sources of potential savings,
- implement the resources and strategies for optimization,
- measure the results achieved over time compared with the objectives in order to maintain the gains in the long term.

Chauvin Arnoux – One-off measurement

▶ Diagnosis

- ▶ **Analysis of energy bills**
- ▶ **Identification of**
 - Energy-hungry installations
 - Production processes
 - Cost structure
 - Organization in place, etc.
- ▶ **Instruments for one-off measurements**
 - Wattmeter, etc.
- ▶ **Assessment of potential energy savings**

▶ Detailed analysis

- ▶ **Instruments for quantitative and qualitative measurement campaigns**
 - Power and energy analyzer
 - Datalogger
- ▶ **Physical measurements**
 - Thermographic camera
 - Luxmeter
 - Thermometer
 - Hygrometer
 - Portable Pyrotracer
- ▶ **Determination of**
 - The exact requirements
 - The potential savings



The method usually used is divided into **four steps**, each with a precise objective, clearly-identified actors and detailed deliverables.

One of **Enerdis's** key missions is to support its contacts, customers and decision-makers in this approach in order to offer them solutions suited to their situation, in the context of a **global, long-term approach**.

Enerdis — Permanent measurement system



⁽¹⁾ Pyro-Contrôle
⁽²⁾ Manumasure (France only)



Notes

Notes

A large rectangular area with a light gray background and a repeating pattern of small, light gray circles. This area is divided into horizontal lines, creating a series of rows for taking notes.