

## Chauvin Arnoux® Calibrators Competitive, compact and accurate



Want to calibrate your temperature sensors, resistive probes or process signals? To generate, simulate and measure all the low-level signals encountered in industry with a high degree of accuracy, Chauvin Arnoux is marketing a new range comprising 3 calibrators: the **C.A 1621, C.A 1623 and C.A 1631**.



### Ergonomics

These compact, robust, easy-to-handle calibrators are suitable for on-site use in all conditions. Their large LCD screen is easy to read whatever the circumstances. They are battery-powered with an appreciable battery life so that they can be used independently. The optional mains adapter is particularly practical for laboratory use, such as calibrating a series of sensors, for example.

### Applications

Maintenance operations, commissioning, verification, on-site calibration, adjustment and testing of measurement lines: these calibrators cover a very broad scope.

They are ideal for engineers, technicians and installers in many sectors of activity:

- Heating and air-conditioning,
- Processing industries (chemicals, petrochemicals, plastics, agri-food, etc.)
- Certification organizations
- Laboratories & education
- Hospitals

### Functions

These calibrators offer 2 main functions: simulation and measurement.

Due to the wide variety of sensors recognize, these instruments will be suitable for all your applications.

- **C.A 1621**, for calibrating thermocouple sensors (J, K, T, E, R, S, B, N):  
Temperature measurement and simulation range from -250°C to +1800°C  
Millivolt measurement and simulation range from -10 to 100 mV
- **C.A 1623**, for calibrating Pt10, Pt50, Pt100, Pt200, Pt500, Pt1000 and Pt1000 (JIS) resistive temperature probes  
Temperature measurement and simulation range from -200°C to +800°C  
Resistance measurement and simulation range from 0 to 3200 Ω
- **C.A 1631**, for calibrating voltage and current process signals  
Measures and supplies DC voltage from 0 to 20 V (accuracy: ± 0.02% )  
Measures and supplies a 0 to 24 mA DC current loop (accuracy: 0.015%)



These high-performance calibrators also offer many other functions: display in °C or °F, deactivatable automatic shutdown, etc. Because the standard delivery includes all the necessary accessories, these practical calibrators are ready to use straight away.