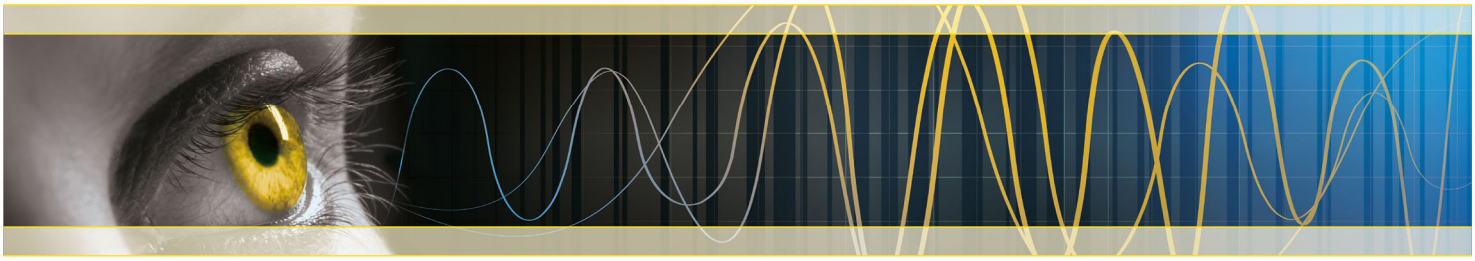

PRESS release

Type of product: Infrared thermometer
Product names: **C.A 1860 & CA 1862**

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Remote temperature measurement with the brand new infrared thermometers from Chauvin Arnoux

The CA 1860 & CA 1862 no-contact thermometers from Chauvin Arnoux are simple and accurate. Ergonomic, lightweight, easy-to-handle, rugged and watertight (IP 65), they offer a large number of measuring functions, including parameterizable alarm thresholds.

Ergonomics designed for simplified use

The CA 1860 and CA 1862 are pistol-shaped with a trigger for comfortable handling. Weighing in at less than 300 g, they are also very rugged: **they withstand falls from up to 3 m**!

For all-terrain use, they offer **IP65** ingress protection. The measurement results are displayed on the backlit LCD screen.

They are delivered in a carrying bag.

Functions and measurements

Dedicated to remote temperature measurement, these new infrared thermometers offer excellent metrological performance.

The laser sight enables you to target a zone precisely. The CA 1862 is equipped with a **dual laser sight** for even more precise targeting.

With their broad measurement range and numerous functions, the CA 1860 and CA 1862 facilitate users' work.

Measurement is performed simply by pressing the trigger. The trigger can also be locked for continuous measurements. Multiple **measurement modes** are available, enabling you to obtain instantaneous, averaged and differential values, or simply the Min and Max values.

The **high and low alarm thresholds can be parameterized** directly by the user and are indicated by the "HI" and "LO" LEDs located just above the display.

The CA 1860 offers fixed emissivity, while the emissivity of the CA 1862 can be adjusted from 0.1 to 1.

Technical specifications

- **Measurement ranges:**
  -35 °C to +450 °C for the CA 1860,
  -35°C to +650 °C for the CA 1862

- **Distance/spot ratio**:
  10 :1 for the CA 1860
  12 :1 for the CA 1862

- **Measurement accuracy**
  ≥ 0° C: ± 1.8 °C or ± 1.8 % of the reading
  < 0 °C: ± (1.8 °C + 0.1 °C / °C)

- **Spectral response**: 8 µm ~ 14 µm
- **Response time**: **250 ms (95 % of the reading)**

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