



PRESS Release



Type of product: **Thermal camera**
Product names: **C.A 1950 DiaCAM2**

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C.A 1950 DiaCAM2

Simple ergonomics for a Chauvin Arnoux® thermal camera which is an essential part of any toolbox

100 % French! The brand new thermal camera designed and developed by Chauvin Arnoux, the DiaCAM2 C.A 1950, is particularly simple to use. Its ergonomics has been designed for a comfortable grip, with direct access to the functions using one hand only. It offers an **exceptional battery life of 13 hours** without wasting any time, as it starts up in 3 seconds.

Intuitive ergonomics!

The DiaCAM2 is balanced: it doesn't move even when stood on a benchtop. The display uses a **wide 2.8 inch screen with automatic brightness adjustment**. **The C.A 1950 is focus-free with a 20° x 20° field of view.** The flap protecting the lens is built into the instrument, so it does not get in the way and cannot be lost. Contextual help guides users to limit the risk of error.

The C.A 1950 is a **communicating camera** which can simultaneously **recover** the necessary measurements (current, etc.) from current clamps and multimeters **via Bluetooth**. In this way, users can link to the thermograms the measurements made simultaneously with current clamps or multimeters. The emissivity table can be completed as required. It is also possible to rename the images and thermograms by site and record voice comments for easier follow-up.

This rugged, **IP54** instrument can withstand falls of up to 2 m. No problem when you throw it into your toolbox.

With its Eco-Conception (eco-design) labelling, the C.A 1950 camera from Chauvin Arnoux meets the environmental requirements and is designed to allow recycling of its parts.

Applications

The C.A 1950 is ideal for all the applications in the building, electrical maintenance and mechanical maintenance sectors:

- Thermal audits
- Troubleshooting: thermal bridges, infiltrations, presence of humidity
- Electrical maintenance: detection of faulty contacts, unbalance, etc.
- Mechanical maintenance: detection of wear points, motor overheating, lubrication problems, etc

It is also possible to record and store in memory the configurations for each application (building, electrical cabinet, etc.) , thus saving additional time.

The CamReport software provided free of charge can be used for automatic generation of reports which can be exported in Word or pdf format.

This makes printing and archiving much simpler.

The C.A 1950 is delivered ready to use in a site-proof case with all its accessories, including the Bluetooth earphone.



Additional specifications:

- 80 x 80 UFPA microbolometer-type detector, 8 ~14 µm
- IFOV (spatial resolution): 4.4 mrad
- Temperature range: -20 °C to +250 °C
- Display mode: thermal image, real image. Merging of images possible with the PC software
- Measurement tools: 1 manual cursor + 1 automatic detection + Min Max on adjustable area + Temperature profile + Isotherm
- Modifiable parameters: emissivity, environmental temperature, distance, relative humidity
- Storage on 2 GB SD micro-card (approx. 4,000 images) or removable card up to 32 GB
- IP 54 protection
- Weight: 700 g with rechargeable batteries
- Dimensions: 225 x 125 x 83 mm

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