

# CA 1860 & CA 1862 INFRARED THERMOMETERS



## The simplicity of remote temperature measurements!

**C**ompact and rugged due to its 3-metre fall resistance and IP65 ingress protection

**E**xcellent metrological performance

**W**ide dynamic range for measurement:

-35 °C to +650 °C

**D**ual LASER sight (CA 1862) for precise targeting of the test area

**C**onfigurable high and low alarms



# TECHNICAL SPECIFICATIONS

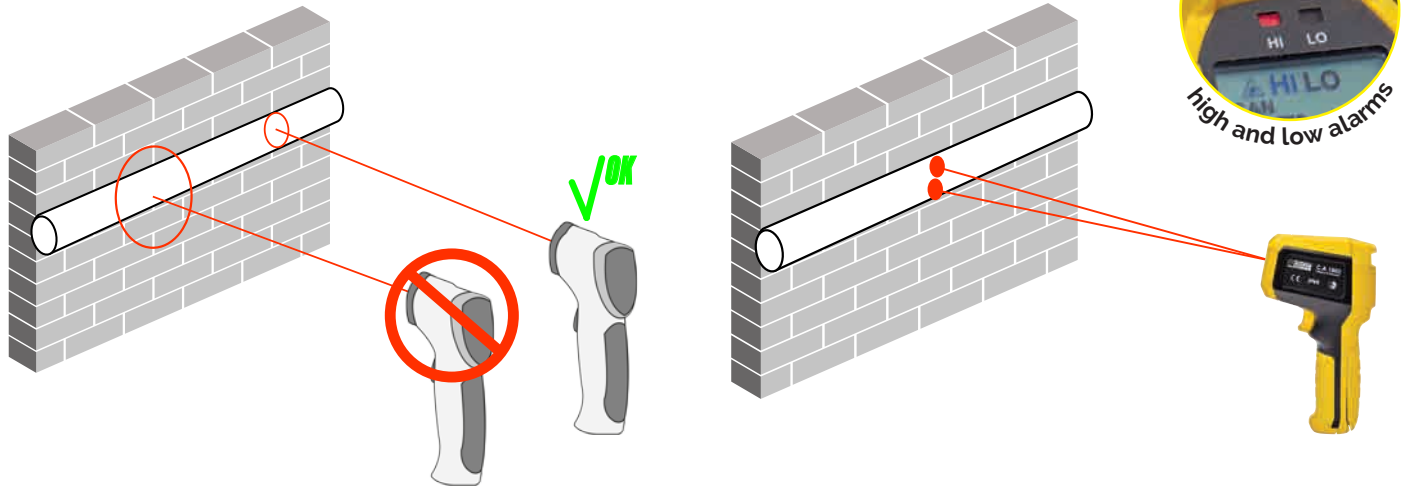
## Infrared technology for greater accuracy

To locate all the areas of overheating in just a few seconds, these ergonomic thermometers have been specially designed to be particularly simple to use.

The pistol-shaped casing also makes them exceptionally comfortable to handle.

All the functions are accessible with just one hand. Thanks to the laser sight and its flexible use, users can point at the centre of any target without any possibility of error.

The results are then displayed on the backlit LCD screen.



### SPECIFICATIONS

#### CA 1860

#### CA 1862

Measurement range	- 35 °C to + 450 °C (- 31 °F ~ + 842 °F)	- 35 °C to + 650 °C (- 31 °F to + 1202 °F)
Measurement accuracy	$\geq 0^{\circ}\text{C} : \pm 1.8^{\circ}\text{C}$ or $\pm 1.8\%$ of reading (take the higher value) $< 0^{\circ}\text{C} : \pm (1.8^{\circ}\text{C} + 0.1^{\circ}\text{C} / ^{\circ}\text{C})$	
Display resolution	0.1 °C (0.1 °F)	
Distance/spot ratio	10 : 1	12 : 1
Emissivity	0.95	adjustable from 0.1 to 1.0
Response time	250 ms (95 % of reading)	
Spectral response	8 $\mu\text{m}$ ~ 14 $\mu\text{m}$	
Number of lasers	Single laser	Dual laser
Measurement functions	Instantaneous mode, MAX, MIN, AVG, differential (DIF), continuous measurement by locking the measurement trigger, alarms	
Type of battery	9V battery (6F22)	
Protection	IP65	
Resistance	Fall from 3 metres	
Tripod insert	Yes	
Weight/dimensions	292 g / 189 mm x 118 mm x 55 mm	

### Standard state at delivery

#### CA 1860 and CA 1862 :

delivered with battery, user's manual, verification certificate and carrying bag

### To order

CA 1860 IR Thermometer ..... **P01651815**

CA 1862 IR Thermometer ..... **P01651816**