

C.A 871

Infrared Thermometer

No Contact Thermometry

Ideal for self- employed users as well as industrial use

- Small and handy, it fits in your pocket
- Accurate and easy-to-use: aim with the laser, measure and read the backlit screen



Measurement range	-40 °C to +310 °C
Resolution	0.1 °C from -40 °C to +100 °C
	1 °C beyond 100 °C
Accuracy	± 2.5 % of the reading or 3 °C (the largest)
Emissivity	preset at 0.95
Targeting range	D/∅ = 8/1
Laser sighting	1 mW (670 nm typ.)

Operating conditions:

- Temperature: 0 to 50 °C (32 °F to 122 °F)
- Humidity: < 80 % RH

Dimensions:

160 x 50 x 32.5 mm

Masse: 200 g

Storing conditions:

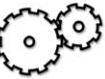
- Temperature: -20 °C to +60 °C / -4 °F to +140 °F (without battery)
- Humidity: < 80 % RH



Food Service
Industry



HVAC systems



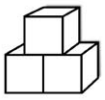
Production



Industrial
Refrigeration



Electrical,
Mechanical
Maintenance



Storage



Logistics



Museums,
Libraries,
Archives



Distribution

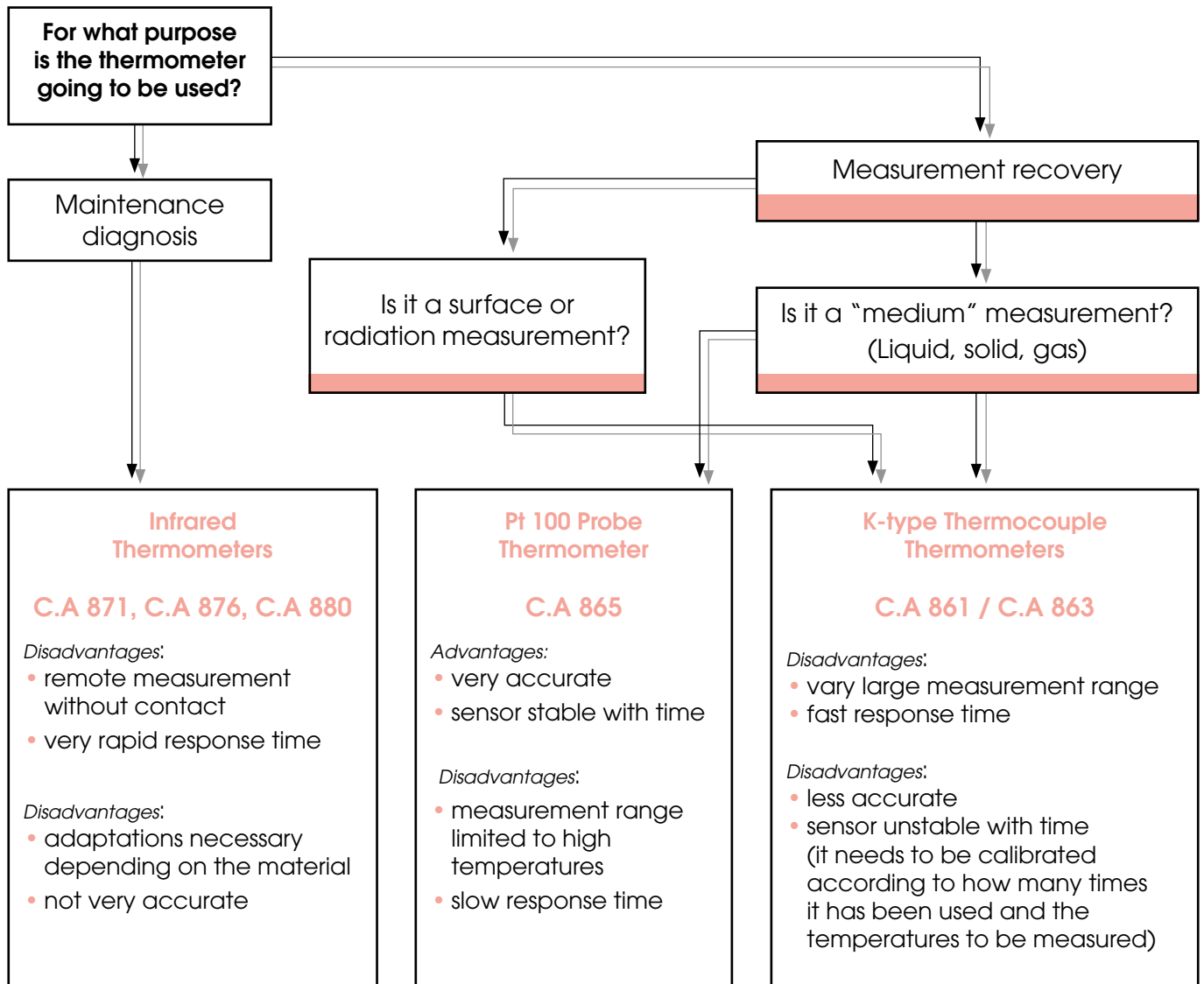
To order

Infrared Thermometer **C.A 871**

P01.6513.01Z

How to choose a thermometer?

In order to determine which measurement instruments are best adapted to your needs, ask yourself the following questions:



Some advice for making good measurements:

- **Measurements with a penetrating sensor:** the end of the sensor needs to penetrate into a medium that is at least 10 times its diameter.
- **Air temperature measurements:** do not place hand on the active part of the sensor to avoid heating or cooling it. It is not a problem if the air or gas is in movement. However, if the air is, as we say, "immobile" (ex: ambient temperature) shake the sensor for 10 to 20 seconds before making the measurement.
- **Surface temperature measurements:** it is preferable to use infrared technology thermometers for making measurements on insulating material surfaces (low thermal conductivity) such as plastic, wood, ceramic, cement, paper, etc. The surface of the material should be in good condition.