

The tool that measures up to your expectations in temperature monitoring

- Infrared measurement:
 - Possible to make continuous measurements
 - High and low audible warnings
 - Laser sighting
 - Records maximum and minimum values
- K-type thermocouple input for emissivity adjustments and additional measurements

Infrared measurements	
Measurement range	-20 °C to +550 °C
Resolution	1 °C
Accuracy	± 2 % of the reading or 3 °C
Targeting range	D / Ø = 10 / 1
Emissivity	adjustable from 0.1 to 1
Response time	1 s

K-type thermocouple measurements	
Measurement range	-40 °C to +1350 °C
Resolution	1 °C
Accuracy	± 0.1 % of the reading + 1 °C

- ✓ Choice of measurement unit: °C / °F
- ✓ Auto-Hold function
- ✓ Backlit 2000-ct display
- ✓ Protective shock-proof sheath
- ✓ Auto-stop

Operating conditions:

- Temperature: 0 to 50 °C
- Humidity: < 80 % RH

Storing conditions:

- Temperature: -20 °C to +60 °C
- Humidité: < 80 % RH

Power supply: 1 x 9 V battery

Dimensions: 173 x 60.5 x 38 mm

Mass: 255 g



PHYSICS *Line*

C.A. 876

Infrared Thermometer

No Contact Thermometry



Food Service
Industry



HVAC systems



Production



Industrial
Refrigeration



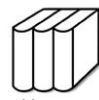
Electrical,
Mechanical
Maintenance



Storage



Logistics



Museums,
Libraries,
Archives



Distribution

To order

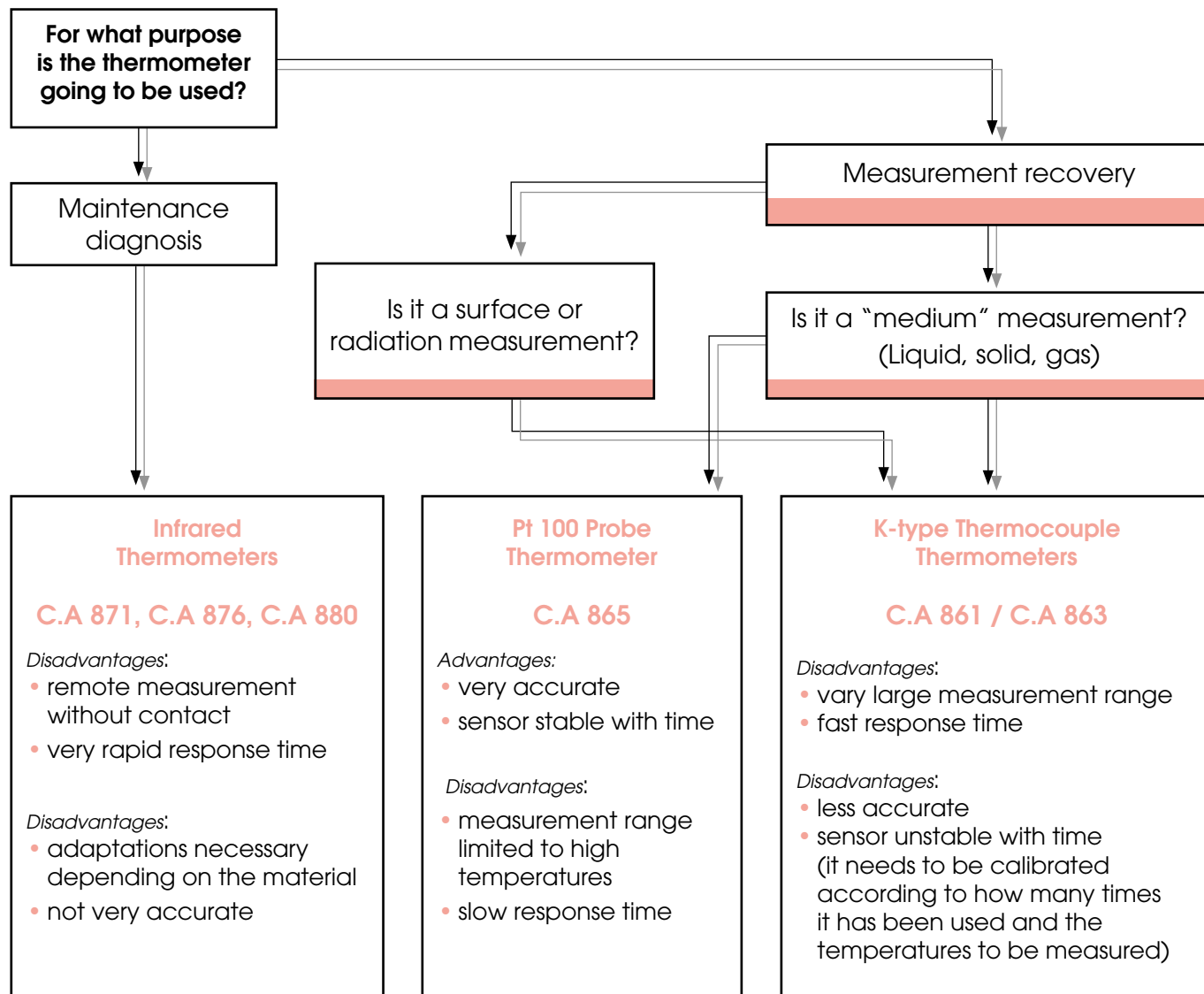
C.A. 876 Infrared Thermometer

Supplied with K-type thermocouple sensor (-40 °C to +200 °C)

P01.6514.03Z

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.