

PHYSICS *Line*

*New
testers
range*



- ▶ Thermometers with K-type thermocouples
- ▶ Infrared Thermometers
- ▶ Pt 100 Thermometers
- ▶ Thermo-hygrometers
- ▶ Illumination meters



**CHAUVIN
ARNOUX**

Infrared sensor

Use your multimeter
to measure
temperatures
at a distance



C.A 874
Ref. P01 6516 01Z

- Auto-HOLD / Battery charge indicator
- Measurement range: - 20°C to + 260°C
- Accuracy $\pm 2\%$ of reading or 3°C
- Resolution: 1°C
- Targeting range: D / \emptyset = 10 / 1
- Fixed emissivity at 0.95
- One 9 V battery
- Dimensions: 173 x 60.5 x 38 mm
- Weight: 217 g
- Shockproof protective sheath

Adapts
to any
multimeter



Thermo-hygrometer

- 3 $\frac{1}{2}$ digit display (2000 counts)
- Functions: MAX / HOLD / °C or °F / Backlighting
- Measurement range: - 20°C to + 60°C
0 to 100% RH
- Temperature accuracy
 $\pm 0.5^\circ\text{C}$ from 0 to 60°C
 $\pm 1^\circ\text{C}$ from - 20°C to 0°C
- Hygrometric accuracy
 $\pm 2.5\%$ RH from 10 to 90% RH
 $\pm 5\%$ RH from 0 to 10% RH
and from 90 to 100% RH
- Resolution:
0.1°C and 0.1% RH
- One 9 V battery
- Dimensions:
173 x 60.5 x 38 mm
- Weight: 185 g
- Shockproof protective sheath



C.A 846
Ref. P01 1563 01Z

2 in 1
hygrometry
and
ambient
temperature

Illumination meters

*Check your
lighting in full
compliance
with
standards*



C.A 811
Ref. P01 1722 01Z

- 3 $\frac{1}{2}$ digit display (2000 counts)
- Measurement by silicon photodiode
- Functions: Hold / Backlighting / lux or fc Max. (C.A 811) / Peak (C.A 813)
- Measurement range: 20 to 20,000 lux (C.A 811)
20 to 200,000 lux (C.A 813)
- Accuracy \pm (3% of reading + 10 points)
- Spectral correction and incidence correction
- Resolution: 0.01 lux
- One 9 V battery
- Dimensions:
173 x 60.5 x 38 mm
- Weight:
214 g - 223 g

- Shockproof protective sheath



C.A 813
Ref. P01 1724 01Z

Measurement
up to
200,000 lux

Remote-controlled probe
for carrying out measurements
in all circumstances.



Thermometers with K-type thermocouples

Check temperatures up to 1350°C the easy way



C.A 861
Ref. P01 6501 01Z

- 1 K-type thermocouple input
- Measurement range: - 40°C to + 1,350°C
- Accuracy \pm (0.1% of reading + 1°C)

2 K-type thermocouple inputs ■

- Differential temperature measurements ΔT
- Accuracy \pm (0.3% of reading + 1°C)
- Measurement range: - 50°C to + 1,300°C

- 3 $\frac{1}{2}$ digit display (2,000 counts)
- Functions: MAX / HOLD / °C or °F / Backlighting
- Resolution: 0.1°C or 1°C
- One 9 V battery
- Dimensions: 173 x 60.5 x 38 mm
- Weight: 185 g
- Shockproof protective sheath



C.A 863
Ref. P01 6502 01Z



Delivered with 1 K-type thermocouple flexible sensor

Wide range
of sensors
available



Delivered with 2 K-type thermocouple flexible sensors

PHYSICS *Line*

New testers range

Pt 100 Thermometer

Precision temperature measurement

C.A 865
Ref. P01 6503 01Z

- 3 1/2 digit display (2000 counts)
- 1 input with Pt 100 sensor
- Functions: MAX / HOLD / °C or °F / Backlighting
- Measurement range: - 50°C to + 200°C
- Accuracy ± 0.5°C
- Resolution: 0.1°C
- One 9 V battery
- Dimensions: 173 x 60.5 x 38 mm
- Weight: 175 g
- Shockproof protective sheath



Delivered with Pt 100 sensor

Infrared Thermometers

C.A 870
Ref. P01 6514 01Z



- 3 1/2 digit display (2000 counts)
- Functions: Auto-HOLD / Backlighting / °C or °F
- Measurement range: - 20°C to + 260°C
- Accuracy ± 2% of reading or 3°C
- Resolution: 1°C
- Targeting range D / Ø = 10 / 1
- Fixed emissivity at 0.95
- One 9 V battery
- Dimensions: 173 x 60.5 x 38 mm
- Weight: 190 g

Measure temperatures at a distance without any risk



Aim at your target

C.A 872
Ref. P01 6514 02Z




With laser targeting

Accessories

PHYSICS *Line*

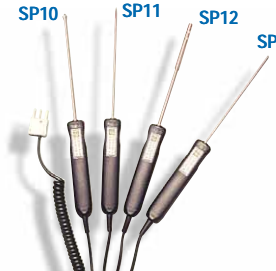
is also a wide range
of temperature sensors.

K-type thermocouple sensors



Model	Measurement range
SK11 Needle	- 50... + 600°C
SK13 General purpose	- 50... + 1,100°C
SK14 Surface-elbowed	- 50... + 450°C
SK15 Surface	- 50... + 900°C
SK17 Air	- 50... + 600°C
SK19 Surface-magnet	- 50... + 200°C

Pt 100 Ω sensors



Model	Measurement range
SP10 Surface	- 50... + 200°C
SP11 Needle	- 100... + 600°C
SP12 Air	- 100... + 600°C
SP13 Liquid	- 100... + 600°C

Not all the existing
sensors are shown
in these two photos

Please call us for further details

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*The PHYSICS Line testers range
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