

THERMOMETERS

THERMOMETERS (designed and manufactured by KPS)

Temperature is a parameter that allows us to verify the correct operation of a component. Hence, temperature measurement is very useful in various applications such as electrical installations, to check overloads or overheating of the elements of a circuit, or in construction, to detect thermal bridges. With KPS models, measurements can be made contactless using the infrared technology or through thermocouples in contact with the surface of the tested object.

Experts in Measurement Instrumentation





REL. HUMIDITY
10% ~ 90%

IR TEMP
-20°C~-500°C



KPS-TM500
Non-contact infrared thermometer

SKU	UPC	EAN 13
KPSTM500CBINT	810053670514	8435394774749

- Non-contact infrared thermometer.
- Laser target pointer
- Emissivity: 0,95.
- D-S ratio=10:1 - Indication in degrees: Celsius or Fahrenheit.
- Data hold
- MAX/MIN/AVG values
- Display backlight. Low battery display.
- Tested and certified according to IEC/EN 61326.



IR TEMP
-40°C~-800°C

K TEMP
-40°C~-1080°C



KPS-TM800
Non-contact infrared thermometer

SKU	UPC	EAN 13
KPSTM800CBINT	810053670521	8435394747446

- Non-contact infrared thermometer up to 800°C
- Class II laser tester pointer
- IRT and K-type temperatura measurement
- Adjustable emissivity: 0.10~1.0
- D:S ratio: 12:1
- Indication in degrees: Celsius or Farenheit
- MAX/MIN/AVG/DIF values
- Auto-off, display backlight and low battery display



TYPE
K, J, T, E

CHANNELS
T1



KPS-TM300 Digital thermometer 1 channel

SKU	UPC	EAN 13
KPSTM300CBINT	810053670538	8435394747453

- 1-channel Digital thermometer.
- Suitable for various thermocouples, such as J, K, T, E.
- Temperature in °C, °F and K (Kelvin).
- MAX/MIN/AVG values.
- Thermocouple deviation compensation.
- Data hold.
- Auto-off(adjustable power-off time) and low battery display



TYPE
K, J, T, E, R, S, N

CHANNELS
T1/T2/T1-T2



KKPS-TM340 Digital thermometer 2 channels with data logging

SKU	UPC	EAN 13
KPSTM340CBINT	810053670552	8435394747477

- 2-channel Digital thermometer.
- Suitable for various thermocouples, such as J, K, T, E.
- Temperature in °C, °F and K (Kelvin).
- 2-channel measurement and difference measurement.
- Thermocouple deviation compensation.
- MAX/MIN/AVG values.
- USB communication.
- Data hold and date register.
- Auto-off(adjustable power-off time) and low battery display.



TYPE
K, J, T, E

CHANNELS
T1/T2/T1-T2



KPS-TM320 Digital thermometer 2 channels

SKU	UPC	EAN 13
KPSTM320CBINT	810053670545	8435394747460

- 2-channel Digital thermometer.
- Suitable for various thermocouples, such as J, K, T, E.
- Temperature in °C, °F and K (Kelvin).
- 2-channel measurement and difference measurement.
- MAX/MIN/AVG values.
- Thermocouple deviation compensation.
- Data Hold.
- Auto-off(adjustable power-off time) and low battery display.



KPSTM500CBINT

KPS-TM800

KPS-TM300

KPS-TM300

KPS-TM300

SKU	KPSTM500CBINT	KPSTM800CBINT	KPSTM300CBINT	KPSTM320CBINT	KPSTM340CBINT
IR measurement	√	√	-	-	-
Measurement through Thermocouple	-	√	√	√	√
Temperature range	500°C	800°C (IRT) 1080°C (Thermocouple)	1372°C	1372°C	1372°C
Emissivity	0,95	Adjustable (0,1 to 1,0)	-	-	-
°C,°F Temperatures	√	√	√	√	√
°K Temperature	-	-	√	√	√
Laser pointer	√	√	-	-	-
D:S	10:1	12:1	-	-	-
Channels	1	2	1	2	2
Hold	√	√	√	√	√
MAX/MIN/AVG	√	√	√	√	√
Relative measurements	-	√	-	√	√
Autocalibration	-	-	√	√	√
Auto Range	√	√	√	√	√
Auto Power Off	-	√	√	√	√
Backlight	√	√	-	-	-
Low Battery Indicator	√	√	√	√	√
Datalogging	-	√	-	-	√
PC communication	-	-	-	-	USB