



KISTOCK KT 20 Temperature datalogger

- Fast data download (up to 1,400 values/second)
- Up to 8,192 measurement points
- 2 configurable setpoint alarms
- Small dimensions
- IP 67 housing

Technical features

Resolution.....	0.5°C
Storage capacity.....	2,048 or 8,192 points
Setpoint alarm.....	2 setpoint alarms
Frequency of measurement.....	from 1s to 255min (KT-20-G) from 1s to 273h (KT-20-L and KT-20-T)
Working temperature.....	from -40 to +85°C (KT-20-G and KT-20-L) from 0 to +125°C (KT-20-T)
Storage temperature.....	from -40 to +85°C
Battery life.....	5 years*

When used at a temperature higher than 50°C, the battery life of datalogger is reduced.

(* on the basis of 1 measurement each minute at 20°C (KT-20-G)
on the basis of 1 measurement each 10 minutes at 20°C (KT-20-L/T)

Temperature transmitter

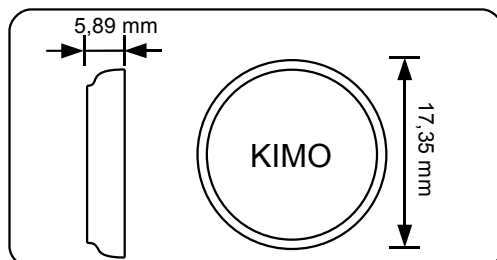
Measuring range.....	-40 to +85°C (KT-20-G and KT-20-L) 0 to +125°C (KT-20-T)
Accuracy.....	KT-20-G : ±1°C (-30°C ≤ T ≤ +70°C) ±1.3°C (T < -30°C and T > +70°C) KT-20-L : ±0.5°C for +10°C < T < +65°C KT-20-T : ±0.5°C for +20°C < T < +75°C

All accuracies indicated in this document were stated in laboratory conditions and can be guaranteed for measurements carried out in the same conditions, or carried out with calibration compensation.

Features of housing

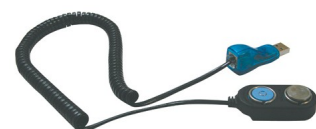
Dimensions.....	Ø 17.35 x 5.89 mm
Weight.....	3.3g
Material.....	STAINLESS STEEL
Protection.....	IP 67
PC communication.....	specific USB interface
Environment.....	Air and neutral gases

Dimensions



PC connection

Data download on the PC



Place the KT-20 as shown beside, and connect the USB to your PC.



Be careful to insert the KT-20 with the engraved side not visible.

www.kimo.fr



EXPORT DEPARTMENT

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References

Part number	Storage capacity	Measuring range
KT-20-G	2,048	-40 to +85°C
KT-20-L	8,192	-40 to +85°C
KT-20-T	8,192	0 to +125°C

Recorder functions

KT-20 can record measurements in real time. To do so, you just have to select the launch type:

- « immediate »
- « delayed » (with predefined date and time)
- « according alarm » : record is made when a measurement exceeds the setpoint alarm (function available on KT-20-L and KT-20-T models)

The dataset will stop once the storage capacity is full.

You can also choose the non-stop record (« loop » recording option).

KILOG Softwares



- **Configuration and data processing software**
- KILOG enables you to configure, save and process your data in a very simple way.

- **Software**.....Ref. KILOG-N
- **Interface**.....Ref. I-KIC1
- **Complete set**: KILOG software + 2 USB interfaces...Ref. KIC12



KILOG CFR software

KILOG CFR software is the key tool for users who require traceability, in accordance with 21 CFR-Part11 standards. Security and integrity of data are guaranteed: it is not possible to modify or tamper with the data.

- **Complete set**: KILOG CFR software + 2 USB interfaces
Ref. KIC12 CFR-N

Calibration

KISTOCK dataloggers can be supplied with calibration certificate as an option.

Distributed by : **PRC Technologies Corp., Ltd.**

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