

# Digital thermometer DST-K 5



# HERTH

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## Description

The DST-K 5 is a memory thermometer with built-in microprocessor. It produces a precision in measurement errors, which is insignificant compared to the error of the temperature sensor itself. Its large measurement range makes it versatile.

Max and Min buttons on the dust- and damp- proof keypad enables the user to save the highest and lowest temperature during the measurement process.

By using the diff-key, differences to the last measured value are indicated.

Typical examples for applications can be found on the back of the user's manual.

Suitable temperature sensors for measurement of gas-, liquid- and surface-temperatures are listed on the back of this datasheet.

A bag (No: 23049001), to protect the device against dirt, dust, grease and moisture, and a carrying case (No.: 23049002) that is capable to contain the DST-K5-unit and four different temperature sensors, are optionally available

Technical Data	
Range	: -199,9° C up to +1370° C
Power supply	: 9 Volt/DC battery block
Input	: NiCr-Ni Thermocouple type K, DIN IEC 584
Accuracy	: +- 0,2% of the displayed value
Resolution	: 0,1° C in the range of -199,9° C bis +199,9° C 1,0° C in the range of +200° C bis +1370° C (automatic measuring range selection)
Battery life	: With a battery capacity of 530 mAh about 85 hours. The device has an automatic shut-off (see owners manual)
Dimensions	: 150 x 80 x 50 mm (L x W x H)
Body material	: ABS
Weight (incl. battery)	: about 250 g
Display	: 3 1/2-digit, 13 mm high LCD-type
Analog output	: 1 mV DC/°C e.g. for data storage