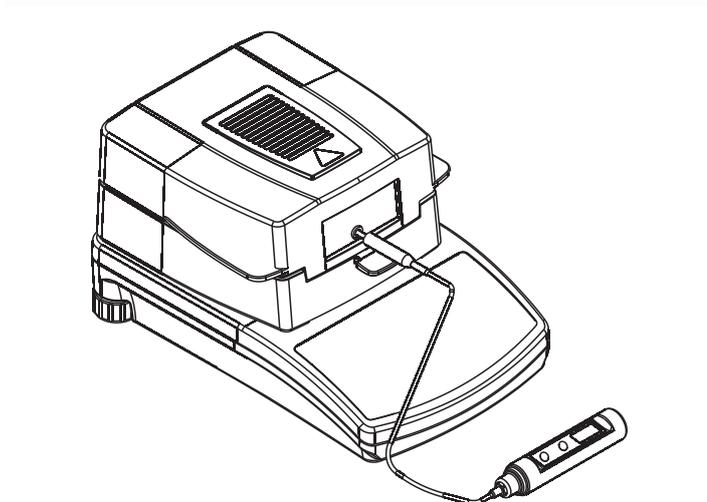




- pocket thermometer designed for temperature determination by a sensor without cable or a sensor on cable.
- depending on the requirements it is possible to choose between sensor with smaller or bigger accuracy.
- exchange of the sensor does not require calibration – electronic storing of factory calibration on the head.
- sensors are built into a stainless steel tubes with diameter 3mm.
- tip of the sensor can be finished as sharp edge or flat.
- sharp sensors can be equipped with a transverse handle.
- cables: silicon or with strengthening steel braid.
- fully waterproof casing.
- automatic switch off as prevention against battery discharge.
- "HOLD" function (holding the result on the display).
- power supply by batteries 3 x 1.5V (LR44).
- CE marking

Control of reliability of temperature indications
Based on checking whether the temperature inside the drying chamber is the same as the temperature displayed on the moisture analyzer display. Control is performed with attested thermometer PT 101. It is an additional equipment offered to each moisture analyzer. It should be noted here, and remembered, that both thermometers control the temperature of air with small distance from controlled sample.

Factor correcting the temperature of drying
Materials with dark colour have special drying effect causing absorption of heat. In such case it is possible that the sample will be overheated, and so if the drying temperature has been set for 120°C the dark coloured sample absorbs heat and reaches temperature about 135°C. In such case, the temperature correcting factor should be determined. Determination of this parameter should be done with control thermometer with a probe (additional equipment to a moisture analyzer).



Specification:

Measuring range	-70 ÷ 130 °C * -70 ÷ 400 °C **		
Resolution	in range -70 ÷ 199.9 °C — 0.1 °C, above 199.9 °C — 1.0 °C		
Accuracy depending on the class of sensor accuracy	range	Pt-1000B	Pt-1000S
	-70 ÷ 0 °C	±0.9 °C	±0.9 °C
	0 ÷ 100 °C	±1.0 °C	±0.3 °C
	100 ÷ 200 °C	±1.5 °C	±1.5 °C
	200 ÷ 400 °C	±3.0 °C	±3.0 °C
Mass	75 g		
Dimensions	l = 143 mm, o = 26 mm		
Power supply	batteries LR44 x 3		

* sensor without cable ** sensor with cable