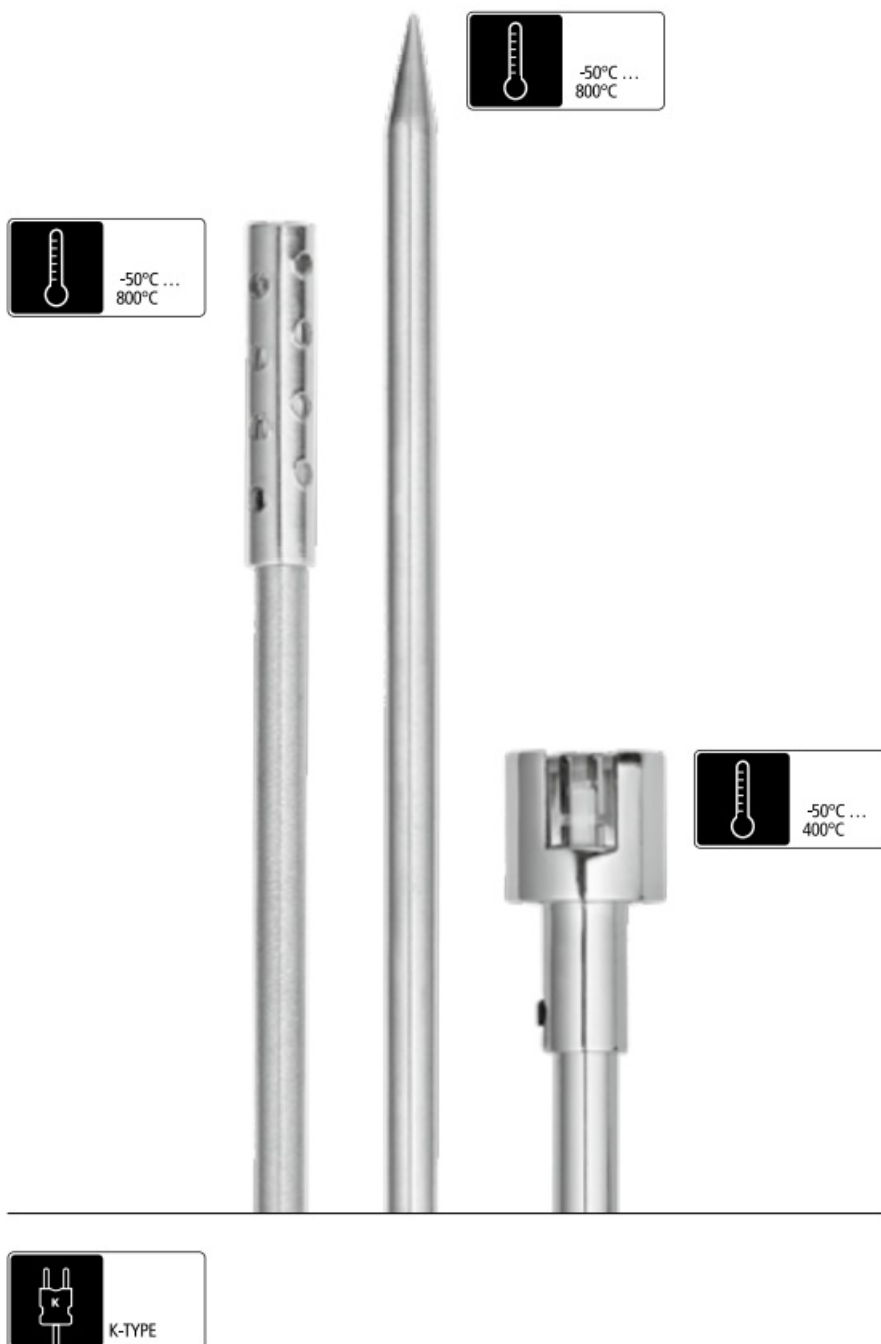




Laserliner Thermo Sensor air Tip Touch Instructions

[Home](#) » [Laserliner](#) » Laserliner Thermo Sensor air Tip Touch Instructions 

Laserliner Thermo Sensor air Tip Touch



Completely read through the operating instructions, the "Warranty and Additional Information" booklet as well as the latest information under the internet link at the end of these instructions. Follow the instructions they contain. This document must be kept in a safe place and passed on together with the device.

Contents

- [1 Function / application](#)
- [2 General safety instructions](#)
- [3 Information on maintenance and care](#)
- [4 Technical data](#)
- [5 EU directives and disposal](#)
- [6 Documents / Resources](#)
 - [6.1 References](#)
- [7 Related Posts](#)

Function / application

The ThermoSensor Air, Tip and Touch K-type temperature sensors are compatible with the following devices: ThermoMaster, ThermoMaster Plus, ThermoSpot XP, CondenseSpot XP, MultiMeter XP and ClampMeter XP. Each of the temperature sensors has a heat resistant handle and is designed for a specific application.

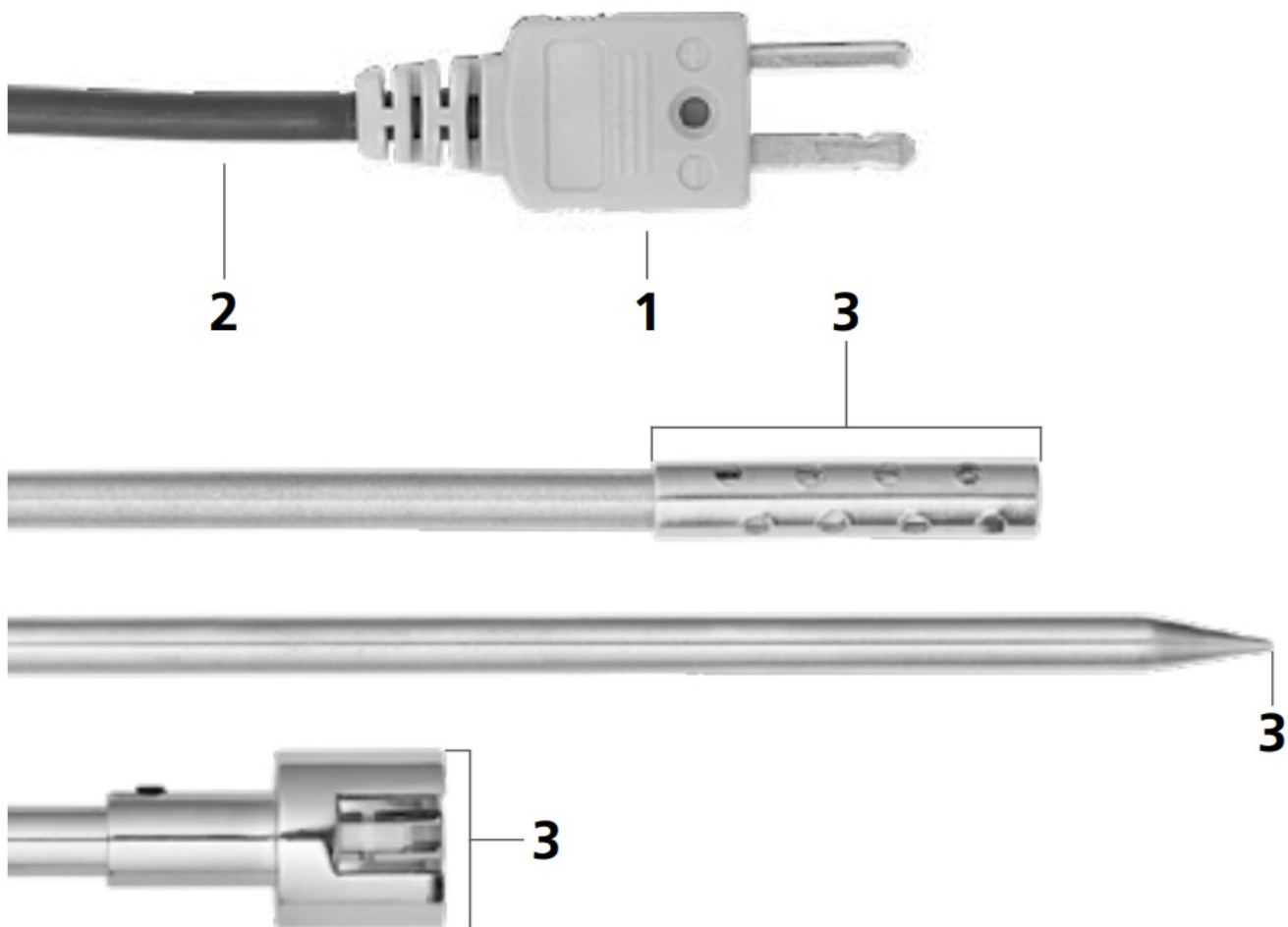
- ThermoSensor Air measures air and gas temperatures.
- ThermoSensor Tip is suitable for inserting into soft, highly viscous materials for measuring the contact temperature.
- ThermoSensor Touch allows the surface and contact temperature to be measured on solid surfaces.

General safety instructions

- To ensure correct use, please observe the safety instructions for your temperature measuring device or multimeter.
- The device must only be used in accordance with its intended purpose and within the scope of the specifications.
- Not suitable for use in environments that present a risk of explosion or for medical diagnoses.
- The measuring tools and accessories are not toys.
Keep out of reach of children.
- The structure of the device must not be modified in any way.
- Do not expose the device to mechanical stress, extreme temperatures, moisture or significant vibration.
- Do not power the temperature sensor (K-type) with an external voltage.

Information on maintenance and care

Clean all components with a damp cloth and do not use cleaning agents, scouring agents and solvents. Store the device in a clean and dry place.



- 1. K-type connection
- 2. Cable, 0.4 – 1.2 m
- 3. Measuring surfaces

Technical data

(Subject to technical changes without notice 21W30)

Measurement range Air / Tip	-50°C ... 800°C
Measurement range Touch	-50°C ... 400°C
Accuracy Air / Tip	± 2.5°C (-50°C ... 333°C) ± 0.75% (333°C ... 800°C)
Accuracy Touch	± 2.5°C (-50°C ... 333°C) ± 0.75% (333°C ... 400°C)

Operating conditions	-10°C ... 60°C, Max. humidity 80% rH, no condensation, Max. working altitude 4000 m above sea level
Storage conditions	-20°C ... 70°C, Max. humidity 80% rH
Cable length	40 ... 120 cm
Sensor Air	165 mm
Sensor Tip	185 mm
Sensor Touch	115 mm
Dimensions (W x H x D) Air	22 x 295 x 22 mm (without cable)
Dimensions (W x H x D) Tip	22 x 315 x 22 mm (without cable)
Dimensions (W x H x D) Touch	22 x 245 x 22 mm (without cable)
Weight Air	106 g
Weight Tip	104 g
Weight Touch	96 g

 **EU directives and disposal**

**UK
CA**

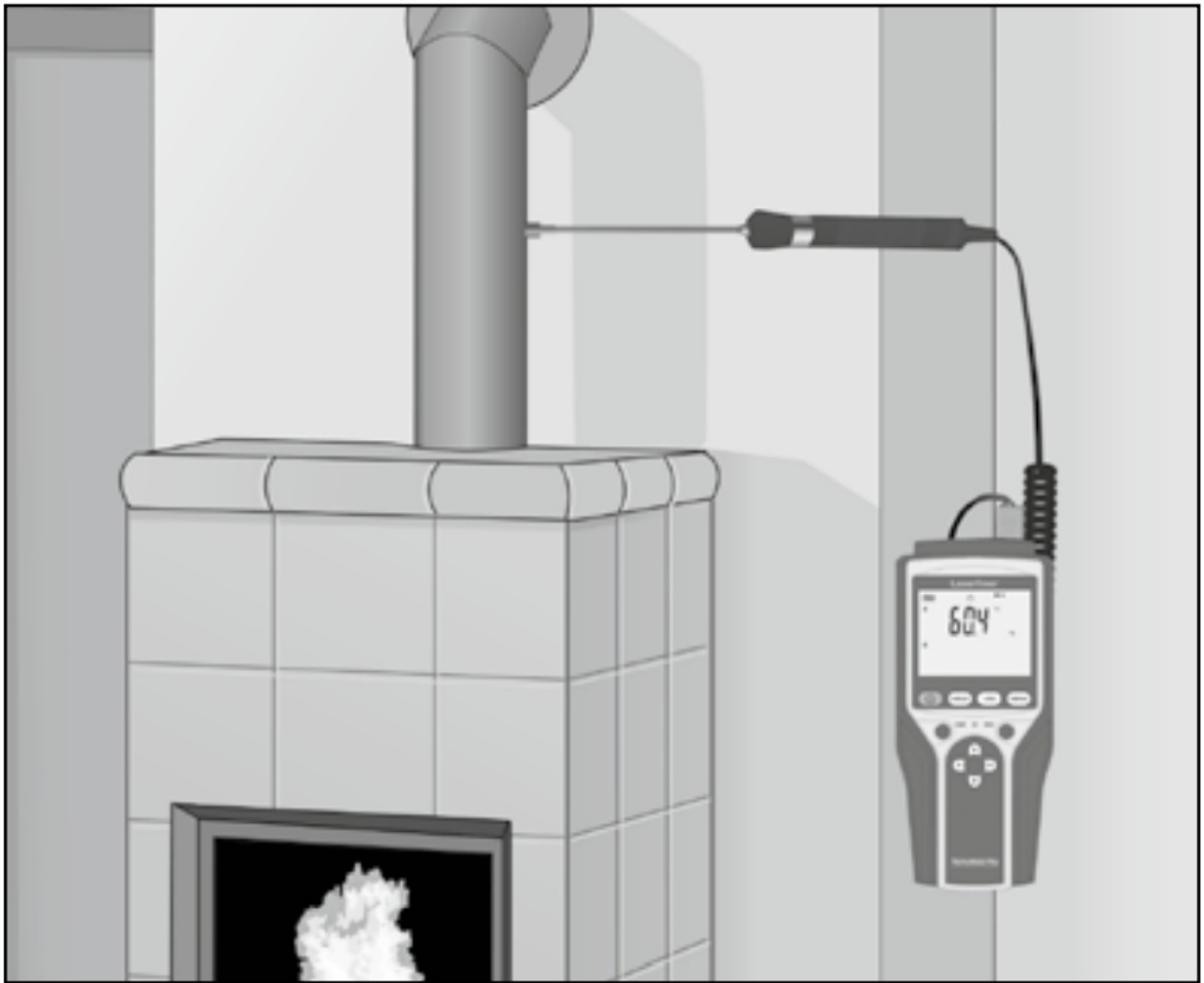
This device complies with all necessary standards for the free movement of goods within the EU.



— This product is an electric device and must be collected separately for disposal according to the European Directive on waste electrical and electronic equipment.



Further safety and supplementary notices at: <http://laserliner.com/info>



SERVICE



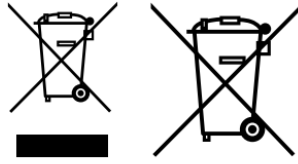
Umarex GmbH & Co. KG

– Laserliner –

Möhnestraße 149, 59755 Arnsberg, Germany
Tel.: +49 2932 638-300, Fax: +49 2932 638-333

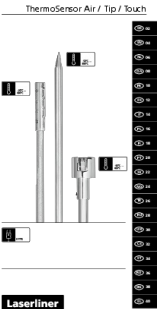
info@laserliner.com

Umarex GmbH & Co. KG
Donnerfeld 2
59757 Arnsberg, Germany
Tel.: +49 2932 638-300, Fax: -333
www.laserliner.com



Laserliner

Documents / Resources

	<p>Laserliner Thermo Sensor air Tip Touch [pdf] Instructions Thermo Sensor air Tip Touch, Sensor air Tip Touch, Tip Touch</p>
---	---

References

-  [Info - Laserliner](#)
-  [Home](#)