NANOTEST

simply measured.

LaTIMA®

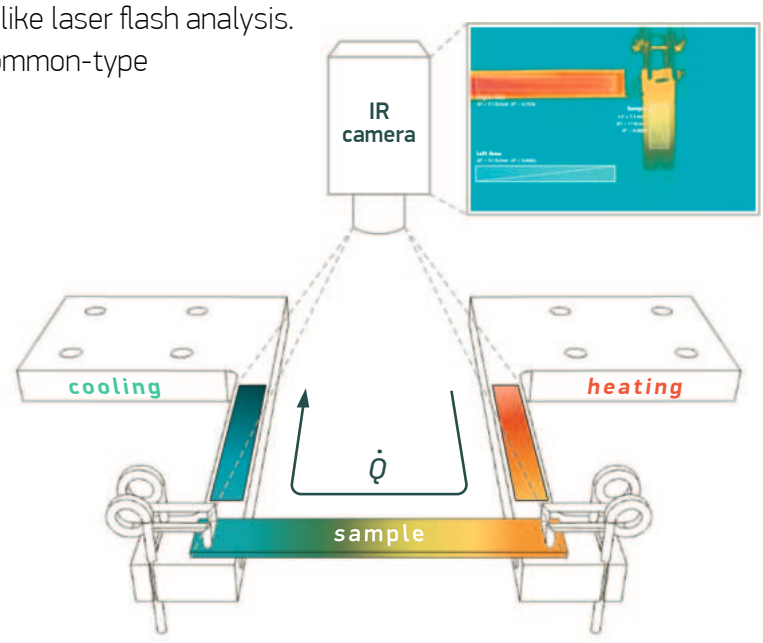
Thermal In-Plane Material Analyzer

Sets the bar for in-plane thermal characterization

High-range conductivity, thermal anisotropy, and more

A straightforward solution

Highly conductive solids are a great challenge for common thermal characterization methods. The measurement resolution often does not suffice to characterize thermal conductivity with satisfying accuracy or merely provide indirect results derived from thermal diffusivity measurements like laser flash analysis. Additionally, samples with dimensions necessary for common-type characterization are usually difficult to fabricate.

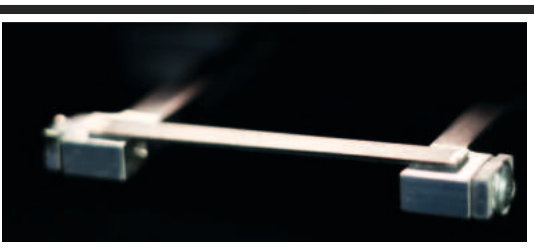
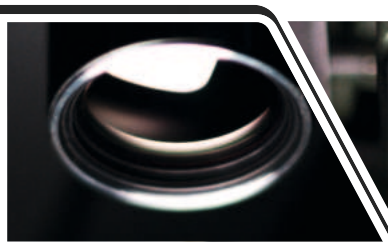
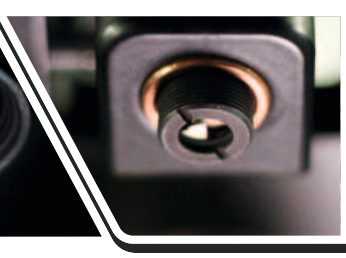
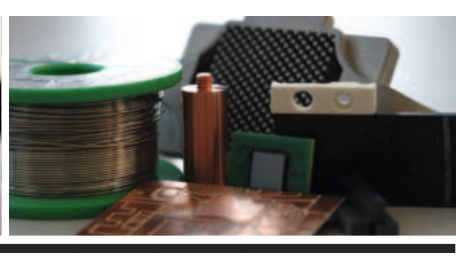


Characteristics and features

- Compact size: 50 x 45 x 76 cm^3
- All-in-one: hard- and touch-controllable software
- 2 x 60 W sample heating power & active cooling
- Bulk thermal conductivity as direct result

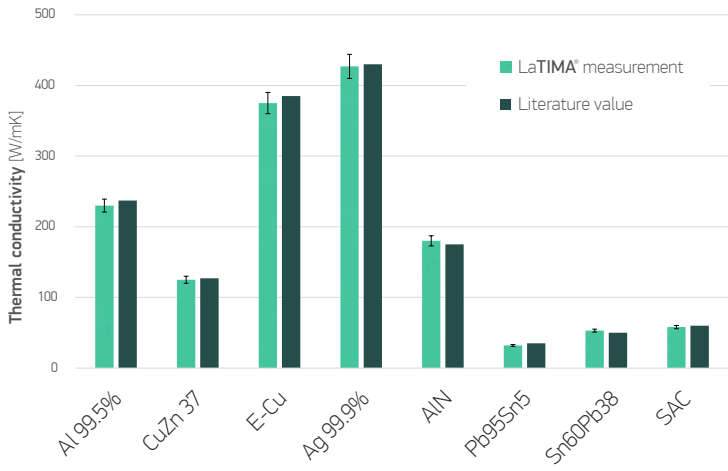
Sample range

- Solid material with λ > 25 W/mK
- Metals, alloys and semiconductors
- Sintered and 3D-printed samples
- Glass, ceramics, anisotropic material

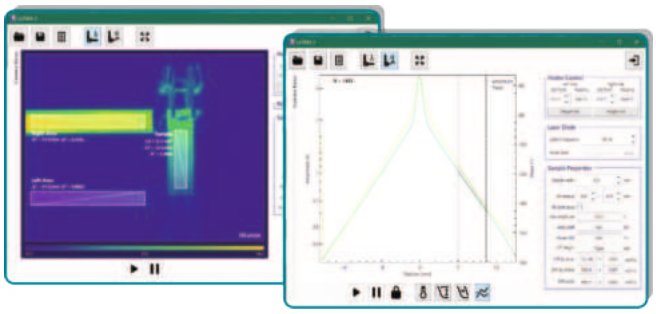
The standard that doesn't need a standard

The **LaTIMA** idea is to provide a measurement system that doesn't require costly sample preparation. It allows measuring the in-plane thermal conductivity and diffusivity of typical industry samples and doesn't come with exotic requirements for sample shape or size. Results viability is proven with a wide range of common sample materials at different measurement temperatures.



It's there for you. Not vice versa

The straightforward software can be controlled using the integrated touch display and helps to perform measurements quickly and easily and provides helpful information about the measurement accuracy and validity.



learn more

nanotest.eu/latima

Berliner Nanotest und Design GmbH
Volmerstraße 9B | 12489 Berlin | Germany
+49 (0) 30 6392 3880
info@nanotest.eu

NANOTEST *simply measured.*