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## PRODUCTS OR MACHINERY

The TIR 100-2 model is a compact hand-held analytical instrument, which employs a non-destructive technique that measures thermal emissivity within seconds. This device can be used on a variety of materials that range from low to high emissivity and from smooth to textured surfaces.

The TIR is manufactured in Germany.

The Advantages of The TIR100-2

- Measurements done within seconds
- Operations and results through an easy-to-use touch screen
- High measuring precision and reproducibility
- Measured samples remain at ambient temperature
- Portable device than can be used on-site or in a laboratory

Extensive studies have been performed by leading Universities: PTB Berlin, LNE Paris, DTU, Aalto University for the EMIRIM project.

THE TIR100 technique is mentioned as the 'TIR principle' in the European Norm EN 16012

## COMPANY BACKGROUND / HISTORY

INGLAS was founded in 1995 by three Doctorates of Science in the respective fields of physics, chemistry, and material sciences. The newly established company was focused on the development of innovative glass systems, hence the name INGLAS.

Over the years INGLAS has branched out into new fields, focusing on electronics, analytical measurement instruments and sensor systems. This diversity has seen INGLAS thrive whilst still maintaining its core values, such as:

Commitment to industries, by identifying problems and seeking innovative solutions using long-term foresight.

Commitment to clients, by assisting in achieving individual client goals, building successful long-term relationships and combining expertise to streamline results.

Commitment to reliability, by manufacturing exceptional quality products made to last and a determination to see projects until the end.

In 2019 a change of guard has occurred in INGLAS, bringing two new CEOs to the forefront of the company's endeavourment of bringing INnovative, GLObal, Applied Systems – the new INGLAS.

#### Company Profile of **INGLAS GmbH & Co.KG**

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