IR Specular Reflection Set for the measurement of emissivity of coated glazing

Our IR reflection set provides a complete solution for State-of-the-Art measurement of the emissivity of coated glazing products according to International Standards.

In the context of European Standardisation with the introduction of CE mark and methods for the evaluation of conformity of products there is an urgent need to improve and standardise as much as possible the measurement methods pertaining to emissivity measurements.

The IR reflection set is based on the recommendations of the EU funded THERMES project, that properly dealt with these issues and provided the necessary co-normative research.

A unique feature of the accessory is that it makes measurements on large tempered glass panes possible. Also very small samples (as small as 5 mm) that are generally difficult to align, can be measured with this accessory.

The accessory is equipped with a 3-point sample support for maximum stability and accuracy. A laser alignment system is built in to enable checking and adjusting the alignment of large panes. A stable horizontal sample positioning for large panes (> square meter size) is obtained with the help of two separate support pillars, height adjustable, to be positioned on the same table as the instrument.

**Note:** this accessory is sold by PerkinElmer, P/N L1250600
OMT Solutions BV

OMT Solutions BV is a R&D company situated on the High Tech Campus in Eindhoven, the Netherlands. We provide services and products for the

- Optical industry
- Glass and coating industry
- Solar energy industry
- Universities and R&D institutes

Our focus is on Optical Characterization of Materials.

Our mission is to support the Industry and Scientific Community with world class innovative solutions for optical measurement and testing problems and new optical materials.

OMT Solutions offers an extensive package of services, such as: thin film analysis and design, determining optical and thermal radiation properties of materials to the highest level of accuracy, calibration of reference materials for spectrophotometry, measuring performance data, product testing, optical simulation and modelling, development of new measurement techniques and consultancy & training in spectrophotometry.

An important part of our business is the development of spectrophotometer accessories and other optical instruments for a wide range of applications.

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