# GHP 900 S – Thermal Conductivity Tester

## Thermal conductivity measuring device with guarded hot plate in accordance with ISO 8302, ASTM C177, EN 1946-2, EN 12664, EN 12667, EN 12939 and EN 674

Measuring devices of the GHP 900 S series are cabinet devices with a tiltable test chamber that are well suited for a wide range of applications, those  
involving especially thicker specimens and insulating glass. The design of the device is such that specimens are inserted into the test chamber from the top.  
This allows for the insertion of heavy and complex samples without damaging the measuring plates. Data logging and control of the device are handled by the  
external Lambda Control desktop device alongside a PC with Windows operating system and Lambda software.

# Features at a Glance

* Large thermal conductivity measuring range up to 2.0 W/(m·K)
* Fully insulated guarded test chamber, designed for specimens with a thickness up to 380 mm
* Available as 1- or 2-speciment measurement method according to ISO 8302 (chapter 1.6.2)
* Easy specimen change from the top
* Fixation of specimens onto the measurement positioning surface
* Electrically operated tilting mechanism for the test chamber
* Tiltable – especially important for skylights
* Tilting angle indicator (0 to 90°) on LCD display
* Control, data acquisition and data processing via external PC and Lambda software
* Variable dimensions of heating plates – especially for bricks with different dimensions; heating area from 200 mm x 200 mm up to 500 mm x 500 mm
* Square-shaped or rectangular measuring areas
* Cold plates and guarded chamber are controlled by chiller systems