

LTG

Laser Thickness Gauge



The gauge is designed for measuring the thickness of insulation according to EN823. It is equipped with an accurate non-contact laser sensor and plates giving the correct contact pressure (50 Pa, and 250 Pa). It is constructed with a frame with a 800x1200 mm table plate at the bottom and the sensor on the top. -It comes with PC-software for zero-adjusting, displaying and storing thickness directly in MS Excel. The display shows the thickness in mm with one or two decimals. As an option it is combined with a balance (e.g. 40 kg). so that both the thickness and the weight is displayed. A fanless PC with touch is supplied as accessory. A version for mounting on your own table is also available.

Specification

Model	LTG 400
Free arm (frame dist)	400 mm
Supply Voltage	230 V 50 Hz or 120 V/60hz with ground.
Deformation resolution	0.1000 mm
Max thickness to be measured	400 mm

Standards

EN 823	Thermal insulating products for building applications - Determination of thickness
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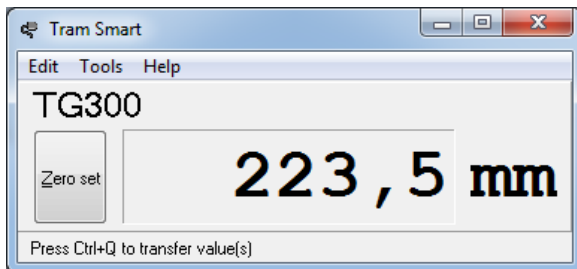
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TramSmart makes it easy and fast to perform and record a large number of measurements. It is a tailor-made interface between a serial (USB/RS232) measuring device and any Windows Program (e.g. MS-Excel, Access). Depending on your choice of measuring device you will be able to record various types of data. You can record dimensions and dimensional changes with the LG210 & TT20, weight and weight changes with a Balance, thickness of special materials with the Laser Gauge LTG400 etc. TramSmart can handle several devices at the same time.

The results of tests performed with each measuring device are transferred and recorded directly into e.g. MS Excel. This way typing errors or lost data are completely avoided and an accurate storage of all test data is obtained with minimum user-involvement.

To transfer the measurements just set-up line/row jump for each measurement transfer. Push Ctrl+C (or set-up another keystroke that you prefer), and you are on your way.



In the TramSmart window:

- The name of the measuring device
- The actual reading from the measuring device
- Push the button to set the zero position
- Press Ctrl+Q to transfer the value to any open Windows-application

Features:

- Direct transport of data to MS Excel from compatible devices with USB/RS232 interface
- One-button measurement
- Set-up measuring line/row jump for each measurement transfer
- Fully compatible with Windows 7/XP
- Available in YOUR language
- Can be used even on a portable PC



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