

Dimension Gauge

Jauge de Mesure des Dimensions
Maßinstrument

Accessory

Dimension

Fibre Cement

TT 20 - Thickness Gauge



Automatic Dimension Measuring Gauge

Optional Accessory to Test Machines

In conjunction with our range of mechanical testing systems (e.g. the GFT range) it is often required to make a number of additional measurements - such as weight, thickness, length, width etc.

These measurements can be performed automatically by the use of our customized measuring systems, which will be interfaced directly to our mechanical testing system and the connected PC. As an option they can also be supplied with their own interface and PC.



The picture shows a thickness measuring gauge used in the Far East (e.g. Malaysia, Australia). The thickness gauge measures an average of four thicknesses - positioned on a line with 50 mm distance between each position. The contact surfaces are flat and with 10 mm in diameter, and with a spherical suspension, so that it measures the correct thickness even on bended boards.

The contact pressure is normally preset to 50 kPa. When a board sample is inserted in the slot in the tester a handle activates the preset contact pressure, and the average thickness of the board can be transmitted to the TRAM-QA program in the connected PC.



QUALITY ASSURANCE

Specification

MODEL	Thickness Gauge
Measuring gap	10-30 mm as standard
Adjustable contact pressure	50 kPa as standard contact pressure
Number of measuring positions	4 as standard, flat diameter 10mm
Measuring method and resolution	Averaging over the positions (normally 4) resolution 0.1 mm as standard
Dimensions	Length: 600 mm Width: 200 mm Height: 330 mm
Weight	Approx. 10 kg
Power and data connection	4 pin connector to an interface to a PC with the TRAM-QA system
Press air supply	Pressure min 2 bar.

Specifications are subject to change without notice.

This accessory offers a great opportunity to improve **quality management** through instantaneous data generation. In spite of the highly advanced and automatic testing procedure operation is easy.

Due to the modular design of the equipment and the versatility of the software, customized systems can be offered at a moderate price.

For realization of special customized wishes please contact TRAM.



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