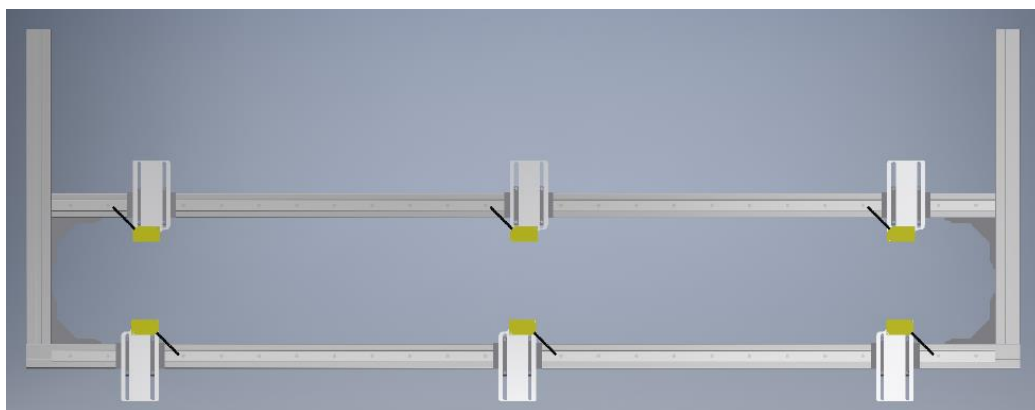


Testing, Experimentation and Quality Control Laboratory

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Thickness Line MLS

Data Sheet



INSTRUMENT DESCRIPTION

Control in line of thick tiles, slabs and similar plans. Equipment for the surveys, controls and data handling of thickness, to directly apply on the productive line. The system is characterized by three pairs of opposed laser sensors (telemeters) whose measurements are algebraically added to determine, point by

point, the actual thickness of the product (excluding, in fact, the curvatures).

The three pairs continuously determine the thickness in three positions (usually on the right, in the middle and on the left); the data collected are collected and processed by a complex hardware system and displayed on a special Touch Screen; everything can be connected to the central company system.

The standard version shows in the management screen, the minimum, maximum thickness and their difference detected by the three sensor pairs; the average value of the minimum and maximums of all the measures; the difference between the values measured by the three left-center-right pairs, as well as alarms related to the programmed settings (with respect to standard requirements, compliance with Company requirements, etc.) that are visualized by changing the color (from green to red, to second that the measurements detected are or not within the set parameters)

APPLICABLE REGULATION

UNI EN ISO 10545-2; SASO ISO 10545-2, GSO ISO 10545-2, ASTM C499

TECHNICAL FEATURES

- Aluminum profile supporting structure
- Linear guides with relative sliding carriages
- Panasonic laser sensors, 50 ± 15 mm detection, centesimal display
- Electric-electronic panel with Panasonic components
- Software developed by Main Laboratory Sassuolo

TECHNICAL SPECIFICATIONS

Supply voltage	230 V /110 V
Power frequency	50/60 Hz
Nominal power	0,05 kW
Dimensions	155 x 10 x 30 cm (L x l x H) *
Weight	< 5 kg

- Standard model size