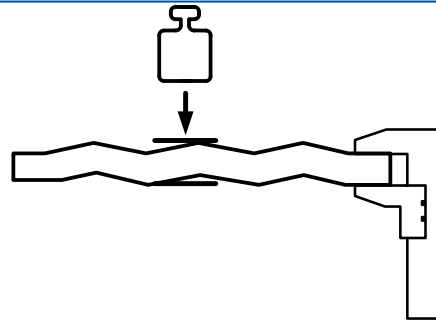


MRP - Messen Regeln Prüfen Automatisierungstechnik

Description



MRP-ST LAB CLP 2015

- Thickness measurement for MRP-Schnettler automatic test line

Thickness measurement laboratory

The thickness measurement at MRP - Schnettler is carried out with the device MRP-ST LAB CLP 2015, the thickness gauge for the automatic testing line. Besides the weight per unit area measurement this is generally part of the basic equipment of every automatic test line.

Thickness gauge:

The measured values are determined by a high-precision probe (resolution 0.1 μm), which is automatically extended and retracted over a spindle. The automatic thickness gauge always has the same contact pressure, depending on the desired DIN standard. In order to increase the measuring frequency, the stroke when extending and retracting is



adjustable by the user. This allows the measuring task for wide webs or high resolutions to be shortened considerably without affecting the accuracy achieved.

The thickness gauge selected here is successfully used as a stationary device in many laboratories.

Technical data precision thickness gauge

Precision thickness gauge	
Resolution	0,1 μm
Accuracy	1 μm
Measuring range	0-10 mm
Dropp speed	2 mm/s

Depending on the product, different standards with different contact surfaces and contact pressures can be realized. Please contact us, we will be pleased to help you with your task.

Available standards

- DIN EN ISO 53105
- DIN EN ISO 12625-3