

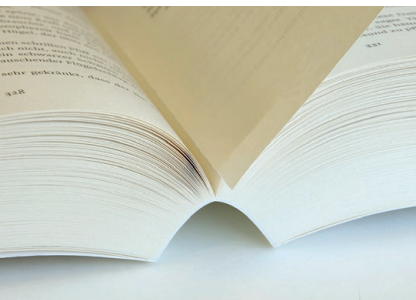


INCREASE
EFFICIENCY

Perfect Binding Tester

BIND CONTROL

Compact Measuring Device for Quality Control
of Perfect Bindings and Wire Stitchings



Pull-Test Based on ISO 19594:2017-02
Quality assessment of entire production run



Fully-Automatic Measuring Procedure
Fast serial measurements



Flexible Usage Options
Directly in production



Perfect Binding Tester

BIND CONTROL

Working Principle

The book block is trimmed to the test size and is positioned on the roof-shaped support with the sheet to be tested inserted in the slot provided. When the test is started, the sheet is gripped and extracted from the adhesive binding.

As a measure of the pull-out strength, the measured traction force per centimetre is indicated on the display.

Furthermore, various statistical analyses and quality classifications can be determined. The result data can be exported to a PC.



Scan here for product infos.



PITSID develops, produces and sells measuring systems, supported by the Sächsisches Institut für die Druckindustrie. The measuring systems are used for quality control and to increase efficiency during adjustment and maintenance operations.

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**Innovative Measuring Systems
Made in Germany**

Measures and quantifiably evaluates the pull-out strength of perfect bound book blocks

The BIND CONTROL makes it possible to evaluate the performance of book block producing machines in accordance with the ISO 19594:2017-02 standard and to assess the binding strength as a parameter of the book block quality. The fully automatic measurement involves analysing cut book blocks of uniform width and determining the pull-out strength. Serial measurements are also possible. As a result, the measured tensile force per centimeter is displayed as well as different calculated statistical analyses and quality ratings.

Exporting the measurement results and analysis data to a PC makes it easy to continuously monitor the strength values achieved within a quality management system. Potential problems in the perfect binding process can be identified and preventative measures can be taken to ensure high quality standards.

Technical Data

Measurement range

2.5 ... 30 N/cm

Resolution

0.1 N/cm

Application range

Perfect bound books of any size which are trimmed to the test size of the BIND CONTROL for measurement.

Test size

Spine length: 100 mm

Block width: 110 ... 130 mm

Device dimensions

290 x 255 x 300 mm

Weight

Approx. 9 kg

Scope of delivery

Measurement device, tool for verifying the device calibration, power cable, software program for the external evaluation and logging of the measurement results, operating manual