

Perfect Binding Tester

BIND CONTROL

Measures and quantifiably evaluates the pull-out strength of perfect bound book blocks based on the pull test. The device allows for the assessment of block production machine performance and evaluates the block stability as a parameter of the book block quality.



Polygraphische innovative
Technik Leipzig



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product video.





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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.



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product video.



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.

**PITSID Polygraphische innovative
Technik Leipzig GmbH**
D-04329 Leipzig
Mommsenstrasse 2
Tel +49 341 25942-0
Fax +49 341 25942-99
info@pitsidleipzig.com
www.pitsidleipzig.com

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

Operating temperature

15° C ... 30° C

Power supply

Electrical voltage: 100 ... 240 V, 50 ... 60 Hz

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

Option

Carrying case