

Contact Pressure Tester

COMPRESS II

Small and easy-to-operate device for checking the contact pressure of hard/hard paired bearer rings. It quickly determines reproducible values that can be compared to the target values of the pressure force. The thus possible adjustment of the printing presses ensures the print quality and prolongs the working life of the cylinder bearings.



Polygraphische innovative
Technik Leipzig





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CONPRESS II

Working principle

A fine paper measuring strip is inserted between the bearers of the cylinder group to be checked and pressed by throwing-on impression or by being rolled over with crawl speed.

The thus caused change of transparency in the impact area is opto-electronically evaluated and indicated as a numerical value on the display.

The device can be used for assembly and service work.



Together with SID Leipzig (Sächsisches Institut für die Druckindustrie GmbH) PITSID develops measuring and testing devices for the graphic arts industry. Our current range of products comprises instruments for the measurement and checking of contact pressure, register, UV-curing, nip, alcohol concentration IPA, packing height, plate punching, roller adjustment and stability of bookblock.

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Technical data

Range of indication

200 ... 2200 (uncalibrated reading)

Indication

indication of the result of the impact evaluation

- numerical
- graphical

Measurement uncertainty

± 10 %

Dimensions

190 x 150 x 40 mm

Weight

800 g

Operating temperature

15 °C ... 30 °C

storage temperature

5 °C ... 40 °C

Voltage supply

battery operation: 6 x 1.5 V, Mignon type (AA)

Mains operation: plug-in power supply unit

Battery control

Battery change if „LOW BAT“ blinks on the display

Measuring strip

70 x 37 mm special paper

Scope of delivery

CONPRESS with batteries,
carrying case,
power supply unit,
set of adhesive tape for the application of measuring strips,
2 packages of measuring strips (400 strips/package)