



INCREASE
EFFICIENCY

Contact Pressure Tester COMPRESS II

Portable Device for Checking
the Bearer Ring Contact Pressure



Test Directly in the Bearer Ring Contact
With special paper sensors



Contact Image Analysis
Numerical and graphical display



Fast Measurement Process
Fully automatic analysis of the paper sensors





Contact Pressure Tester CONPRESS II

Working Principle

A thin, fine paper measuring strip is inserted between the bearers of the cylinder group to be controlled and is pressed by activating an impression or by being rolled over using crawl speed.

The change of transparency due to the impact is optoelectronically evaluated and indicated graphically and numerically on the display.

The device can be used for controlling and adjusting the cylinder contact pressure in printing units during assembly or for service.



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.

**PITSID Polygraphische
innovative Technik
Leipzig GmbH**

Mommsenstrasse 2
04329 Leipzig | Germany
www.pitsidleipzig.com/en

**Innovative Measuring Systems
Made in Germany**

Evaluation of the Bearer Ring Contact Pressure

The Contact Pressure Tester CONPRESS II has successfully proven itself to be irreplaceable during printing press assembly and service, e. g. for offset presses. It allows the control of the contact pressure between the bearer rings of printing presses by comparing the calculated actual value to a pre-determined setpoint value, thus easing the adjustment.

A very thin, fine paper measurement strip is pressed between the activated bearer rings. The resulting line or roll impact is analysed optoelectronically. For roll impacts, the device is able to provide information about the pressure distribution along the width of the bearer ring contact zone. Based on the analysis, the printing press settings can be optimised, ensuring consistent print quality and prolonging the lifetime of the cylinder bearers.

Technical Data

Display range

200 to 2200 (uncalibrated displayed values)

Display

Results of the contact pressure are displayed

- numerically
- graphically

Measurement uncertainty

± 10 %

Device dimensions

190 x 150 x 40 mm

Device weight

800 g

Power supply

Battery operation: 6 x 1.5 V, Mignon type (AA)
Electrical operation: Plug-in power supply unit

Measuring strip

70 x 37 mm specialty paper

Scope of delivery

Measurement device including batteries, carrying case, power supply unit, adhesive tape set for the application of measuring strips, 2 packages of measuring strips, operating manual

