

# Contact Pressure Tester

## COMPRESS II

Small and easy-to-operate device for controlling the contact pressure of bearer rings in printing presses. It quickly determines reproducible values. The adjustment of the printing press made possible with this measurement ensures the print quality and prolongs the lifetime of the cylinder bearings.



Polygraphische innovative  
Technik Leipzig





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## COMPRESS 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 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.



PITSID develops systems for the graphic arts industry together with the Sächsisches Institut für die Druckindustrie.

The current product assortment comprises devices for measuring and testing print registration, contact pressure, traction force, packing height, gap widths, UV curing, IPA concentrations, book block strength and also printing plate positioning in plate bending devices and roller adjustments.

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### 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

#### Operating temperature

15 °C ... 30 °C

#### Storage temperature

5 °C ... 40 °C

#### Power supply

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

#### Battery control

Battery change if „LOW BAT“ blinks on the display

#### 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