

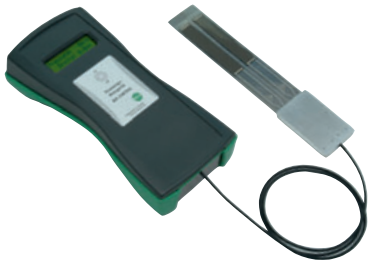
Pressure Gauge NIP CONTROL

Small and easy-to-operate device for the measurement of the distance between the surfaces of hard/soft paired rollers or cylinders. The device is easy to calibrate and indispensable for assembly work and service of roller pairs.



Polygraphische innovative
Technik Leipzig





Pressure Gauge

NIP CONTROL

Working principle

Signals of sensors are evaluated that are positioned between hard/soft paired rollers. The sensors are positioned by means of an on/off function or with the press in inching operation. The rollers do not move during the measuring operation.

The uniformly distributed load is digitally indicated in N/m as a measure of the pressure between the rollers related to a defined roller length.



Together with SID Leipzig (Sächsisches Institut für die Druckindustrie GmbH) PITSID develops measuring and testing devices for the graphic arts industry.

Our present range of products comprises devices for the measurement and test of pressure and gap, register, UV-ink curing, IPA alcohol concentration, packing height and plate punching.

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Technical data

Measuring range

0 ... 2000 N/m

Range of application

Rubber hardness \leq 60 Shore A
Roller diameter \leq 200 mm

Measuring uncertainty

\pm 10 %

Dimension

210 x 100 x 40 mm

Sensor size

app. 215 x 40 x 0,5/5 mm

Weight

350 g

Operating temperature

15 °C ... 30 °C

Storage temperature

5 °C ... 40 °C

Voltage supply

9 V battery

Battery control

Change of battery when display blinks

Scope of delivery

Measuring device with battery and sensor, spare battery, carrying case