



INCREASE
EFFICIENCY

Gap Gauge

GAP CONTROL

Smart Feeler Gauge for Measuring Gap Widths



50 % Time Savings

Compared to feeler gauges



Measure in Hard-to-Reach Places

Optimised for hard / hard roller pairs



High Quality Assurance

Maximally optimise machine settings





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GAP CONTROL

Working Principle

A sensor fixed to a measuring wedge is inserted between hard/hard paired rollers or cylinders and records the contact position with the cylinder surface.

The cylinder gap is calculated and digitally indicated on the display. The cylinders are not moved during the measurement.

Application areas can also be the measurement of mechanically fixed edges that form a gap or slot.



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.

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**Innovative Measuring Systems
Made in Germany**

Measurement of Gaps Between the Surfaces of Hard/Hard Paired Rollers or Cylinders

The Gap Gauge GAP CONTROL is a technical innovation which makes everyday tasks during machine assembly easier. The smart feeler gauge with a digital display has been developed to precisely determine typical gaps starting at 1.8 mm between pairs of hard rollers or cylinders. The device can also be used to determine the width of slots or slits in mechanical components.

Considerable emphasis was placed on the easy handling of the device: When the measurement sensor (measurement wedge) is inserted into a gap, the gap width in micrometers can be easily read off the device display, even in hard-to-reach places.

Due to its high precision and the considerable time savings compared to using feeler gauges, the measuring device provides high quality assurance with maximally optimised machine settings.

Technical Data

Measurement range

- 1.8 ... 3.0 mm
- 2.8 ... 4.0 mm
- Custom measurement range upon arrangement

Resolution

0.005 mm

Measurement uncertainty

$\leq \pm 0.02$ mm for measurement range span of 1.2 mm

Application range

- Roller gaps – at least one cylinder with a diameter ≤ 500 mm
- Gap or slot widths

Power supply

Battery 9 V

Scope of delivery

Measurement device including battery, measurement wedge, German/English operating manual, carrying case

Option

Positioning handle and attachable weight for an optimal measurement when vertically positioning the measurement wedge

