

BLANKET PACKING GAUGES

Use these packing gauges to reduce plate wear, improve printing quality, increase cylinder and blanket life and eliminate overpacking



Roconex® packing gauges are the finest tools available for checking the actual thickness of the packing under the press blanket and plate after they have been put on the press. Although the packing and blanket thickness may have been measured accurately by a thickness gauge before placement on the press, the packing will often crush after a few thousand impressions and the blanket-to-plate pressure will be incorrect. The change can be determined and corrected on the press with these gauges which will assure top quality printing.

Model MPG®

Features

- Since it is magnetic, the gauge holds onto the cylinder by itself, leaving both hands free
- Accurate to .001"
- Dial indicator rotates 360° for easy reading and zeroing
- Protective molded plastic carrying case included
- Alloy steel construction for long life and precision readings
- Developed in conjunction with GATF®
- Inch or metric dial indicator

Now Available with Digital Dial

The digital dial indicator can be read in inches or metric at the press of a button. The indicator will automatically read out the exact difference between the packed blanket and the bearer. LED readout is in increments of .0005"/.01mm. The battery-operated SR44 digital dial indicator provides 20,000 hours of continuous use.

New



The Magnetic Packing Gauge consists of a magnetic base which attaches to the cylinder and a movable indicator bar which slides in slots milled into the base. The runners of the base are beveled to assure perfect alignment with the cylinder and to permit its use with cylinders of varying sizes. The magnets are powerful and hold the base securely, even through the packing and blanket, so that both hands are free to operate the indicator bar. The indicator bar is made of high-grade tool steel and is precision-ground on all sides. The bar is



Model MPG with case

equipped with a dial indicator calibrated in thousandths of an inch, actuated by an adjustable feeler foot mounted below the plunger.

Model Precision Pack®



Features

- This handheld, lightweight gauge works on cylinders of any alloy
- Unique low-profile lever action makes it easy to take readings under protective guards and in other tight areas while still reading the dial indicator in the open blanket area
- An adjustable plunger enables the Precision Pack to be used on cylinders with a diameter of 6" or greater
- Wide twin-rail base for easy squaring along the press cylinder's axis
- Easy to use; accurate readings made in less than 60 seconds

Special Features and Benefits of Using Our Packing Gauges

Roconex packing gauges are scientifically designed instruments that accurately measure the height of the printing surfaces of the plate and blanket cylinders on an offset press. Since the amount of impression or squeeze is of extreme importance in assuring high quality printing and longer plate life, this measurement is critical, and it is easily and quickly made by using one of these packing gauges.

The cylinder bearers of a properly operating press are in firm contact with each other and it is this contact that is the controlling factor in establishing the correct pressure between the plate and blanket cylinders. The surfaces of the two bearers are utilized by Roconex packing gauges as the standard for determining the heights of the respective printing surfaces of the two cylinders. To print properly, the height of the blanket and plate surface should be suf-

ficient to provide proper contact, but should not exceed .004" for the sum of the two.

In operation, these packing gauges accurately measure the height of the surfaces of the two cylinders (in thousandths of an inch) and the total of these two heights indicates if the degree of contact is proper. For example, should the plate surface measure .002" high and the blanket surface have a height of .001", the

total (.003") is within the preferred tolerance. The amount of this total height or impression depends on the type of plate being run, and the distribution of this impression depends on the specifications of the press manufacturer.

Specifications

Model MPG

Construction

Brass, steel and cast iron

Gauge

360° read-out, precision dial gauge

Maintenance

Minimal; gauge assembles and disassembles easily

Warranty

One year on all parts

Physical Characteristics

Height 5.5"/14cm

Width 3"/7.6cm

Length 18"/45.7 assembled

Weight 12 Lbs./5.4 kg net and 13 Lbs./5.9 kg with case

Model Precision Pack

Construction

Aluminum

Gauge

360° read-out, precision dial gauge

Maintenance

Minimal; gauge assembles and disassembles easily

Warranty

One year on all parts

Physical Characteristics

Height 2.25"/5.7cm

Width 3"/7.6cm

Length 7"/17.8cm assembled

Weight 4 Lbs./1.8 kg net and 5 Lbs./2.3 kg with case