

PINCH GAUGE

OPERATING INSTRUCTIONS

Your Pinch Gauge has been calibrated at the factory to read with an accuracy of plus or minus (+/-) one percent (1%) of full scale (PG-10: 10 lbs., PG-30: 30 lbs., or PG-60: 60 lbs.) when the pinch force is applied at the grooves of the handles. If the pinch force is applied further toward the tips of the handles, the readings will be slightly higher.

Methods:

1. Tip Pinch – thumb tip to index fingertip.
2. Key Pinch – thumb pad to lateral aspect of middle phalanx of index finger.
3. Palmar Pinch – thumb pad to pads of the index and middle fingers.

For more detailed information, see the B & L Engineering Web Site: www.bleng.com

Operation:

To zero the Pinch Gauge, grasp the knurled ring on the indicator body and rotate the whole dial indicator until the zero on the dial face is directly under the **Black Pointer**.

To return the **RED** maximum force indicator to zero, rotate the small knob on the top of the dial indicator in a counterclockwise direction until the **RED** hand rests against the **Black Pointer**. When a pinch force is measured, the **RED** hand will remain at the maximum reading until reset by rotating the top knob. The **RED** hand should be reset to zero prior to each force measurement.

NOTE: PLEASE USE THE SAFETY STRAP! The dial indicator is a delicate, precision instrument that is susceptible to damage if the Pinch Gauge is dropped.

CAUTION:

1. *The Pinch Gauge should not be used by a person with a recent injury or surgery of the hand without the direct supervision of a qualified physician.*
2. *The Pinch Gauge should not be used by a person with burns, sensory deficits, or skin breakdown in the hand without the direct supervision of a qualified physician.*

If the Pinch Gauge is not functioning properly, contact the Manufacturer or EU Authorized Representative for information regarding how to get the Pinch Gauge repaired and/or calibrated.

It is recommended that each Pinch Gauge be sent to the manufacturer for calibration annually.

Manufacturer:

B & L ENGINEERING
(PINSCO, INC.)
3002 DOW AVE., SUITE 416
TUSTIN, CA 92780
USA
TEL: (714) 505-9492
FAX: (714) 505-9493
www.bleng.com

EU Authorized Representative :

CHARNWOOD DYNAMICS LTD.
VICTORIA MILLS
FOWKE STREET
ROTHLEY
LEICESTERSHIRE, LE7 7PJ
UNITED KINGDOM
TEL: +44 (0) 161-230-10-60
FAX: +44 (0) 161-230-18-57

English

Rev. 002 Date: 08/0702