

BASELINE[®] EVALUATION INSTRUMENTS

Electronic Pinch Gauge Operating Instructions



EASY TO USE

Measure tip, key and palmer pinch strength with this digital pinch gauge. Maximum results are displayed on the easy-to-read LCD screen. Pinch gauge stores up to 100 readings.

Includes button to zero last reading stored and two toggle buttons to accurately store and retrieve up to 100 readings.

Measures up to 60 lb. / 27 kg. of force.

Includes wrist-strap and one 3V CR2032 battery.

Operating Instructions:

Function Buttons

(1) **Power button:** Press 1 time to toggle between on and off. Unit is turned on when off and shut off when on.

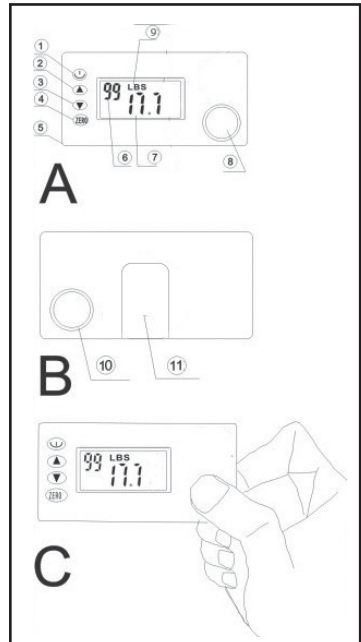
(2) **▲ Up button:** Press one time to save value of current record and move to and display previous record on the screen.

To toggle between pounds and kilograms: press and hold up button (2) for 3 seconds. Press up button (2) again to toggle. Power the unit off and back on to save the setting.

(3) **▼ Down button:** Press one time to save value of current record and move to and display next record on the screen.

(4) **ZERO: Clear function:** press ZERO (4) one time to reset the current record to zero value.

All Clear function: Press and hold ZERO (4) for 3 seconds until AL.CL appears on the screen. ALL values in memory will be reset to zero value and you will return to first record. **Use this function with caution.**



Display Screen

(6) **record number:** “1” represents the first record, “99” the 99th, and “0” the 100th record.

(7) **reading:** shows the maximum reading for the measurement event.

(9) **units:** LBS represents pounds and KG represents kilograms (1 KG = 2.2 LBS).

Testing Keys

(8) **top test pad:** Perform test by pinching (pressing) down on the top test pad (8) of the pinch gauge toward the bottom pad (10). Arrange your finger(s) and/or thumb above top test pad and below bottom test pad per the chosen testing protocol.

(10) **bottom test pad**

Battery

(11) **battery cover:** access battery compartment by sliding cover down and removing it. Insert 3V CR2032 battery into compartment with + sign facing outside. Battery should “click” into place. Make sure unit is off before removing battery. Slide battery cover into place to lock battery compartment before using unit.

Wrist Strap

(5) **anchor for wrist strap:** secure the wrist strap to this anchor. Secure the wrist strap around your wrist while performing test on subject so that the pinch gauge is not dropped.

Specifications

- a) Capacity: 60 lb. / 27 kg.
- b) Division: 0.1 lb. / 0.1 kg.
- c) Voltage: 3 V
- d) Battery: 1 x CR2032 lithium cell
- e) Number of records: 100
- f) Operating Temperature Range: 0° ~ 104° F / 0° ~ 40° C
- g) Unit Measurement: 4 x 2 x 0.7” / 101 x 52 x 18 mm
- h) Unit Weight: 0.32 .b. / 145 g

Operations

Testing Operation:

(1) Press the power button to turn unit on. "FEI" will appear on the screen. After 3 seconds the record number will appear with a reading of "0.0". If 0.0 is not displayed press ZERO to clear maximum reading or the down arrow (3) to advance to the next record. After re-use of this instrument, the screen displays the record and corresponding data of the record at time unit was shut-off.

(2) Squeeze the top (8) and bottom (10) metal pads with your finger(s) and/or thumb. The display reading will go up as your pinch force increases. It will record the maximum force exerted for the current record.

(3) Press down button ▼ (3) to save the current record and advance to the next record. Press up button ▲ (2) to save the current record and move to the previous record.

(4) To toggle between pounds and kilograms: press and hold up button (2) for 3 seconds. Press up button (2) again to toggle. To save the unit selection turn the unit off and back on. The selected unit of measurement will be the default next time the unit is rebooted.

(5) Press ZERO (4) button to clear current record and set the current record to 0.0.

(6) Press power button (1) to shut unit off.

Query (result recall) Operation:

(1) Press up button ▲ (2) to browse the last record or down button ▼ (3) to browse the next record.

Battery Replacement

When the screen displays "LO" the battery should be replaced. Battery replacement steps:

1. Slide the battery cover (11) off by placing your thumb on the cover and sliding down.
2. Remove the battery by pushing the metal clip towards the outside.
3. Insert the battery with the + facing outside. The battery should "click" into place.
4. Slide battery cover (11) into place to cover battery compartment.

Cleaning

Turn off unit before cleaning. Clean outside of unit with soap and water or disinfectant solution, then dry. Unit must be dry before it is turned on. Do not submerge unit into liquid.

CAUTION

- Keep the instrument out of water, oil and other liquids.
- This is a precision measuring device. Handle with care. Do not drop or throw.
- Do not dis-assemble unit.
- Make sure unit is turned off before removing battery or cleaning.



FEI

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