

Baseline 12-0023

Baseline Analog/Digital Pinch Gauge Instruction Manual

Model: 12-0023

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective use, setup, operation, and maintenance of your Baseline Analog/Digital Pinch Gauge, Model 12-0023. This device is designed for accurately measuring pinch strength in various clinical and research settings. Please read this manual thoroughly before using the device.

2. PRODUCT OVERVIEW

The Baseline Analog/Digital Pinch Gauge is a stand-alone dynamometer engineered for precision. It features a transducer that generates an electrical signal, allowing for data to be read into a compatible computer system for detailed analysis. The device is constructed with latex-free materials, ensuring suitability for a wide range of users.

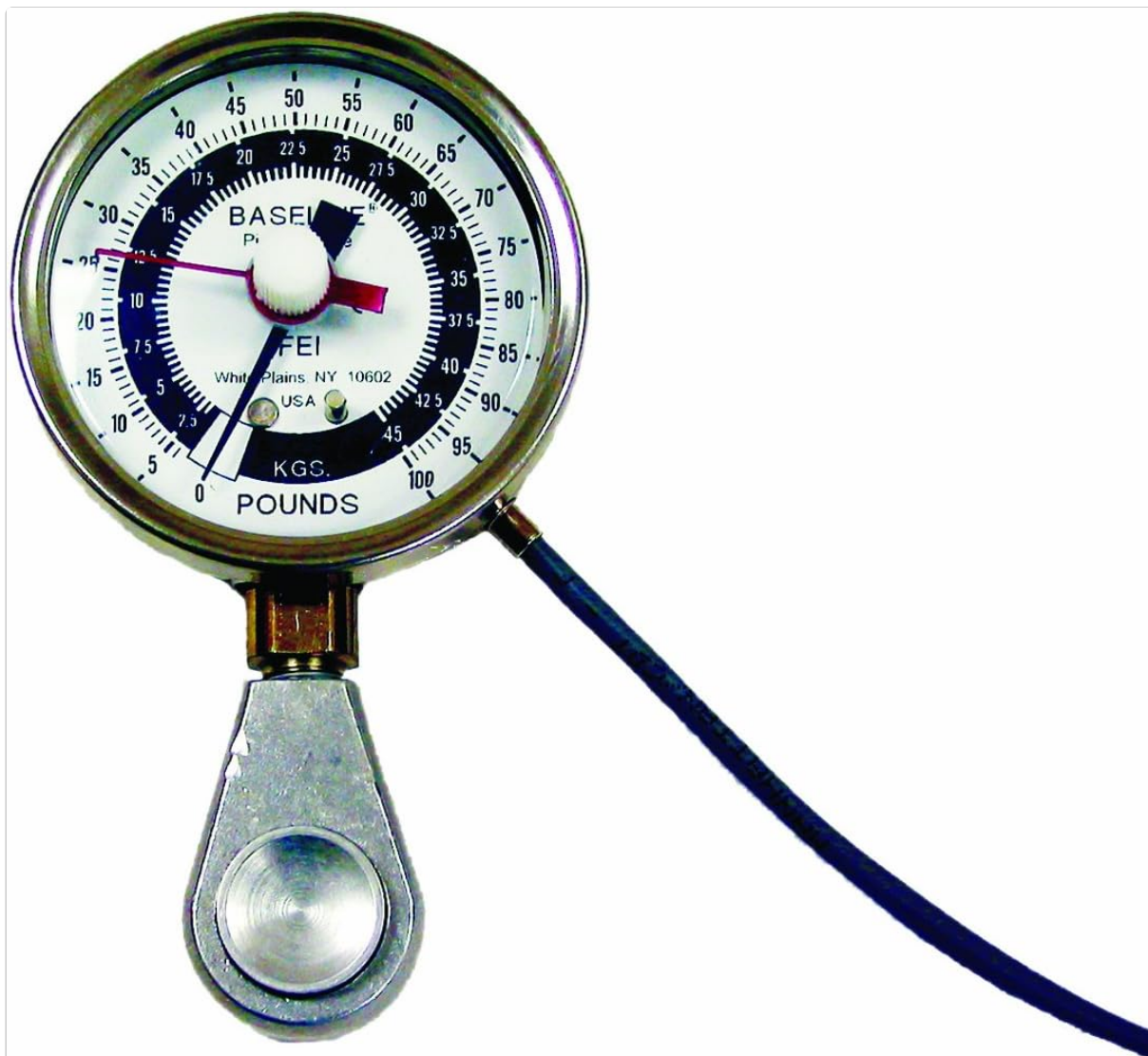


Figure 1: The Baseline Analog/Digital Pinch Gauge. This image displays the circular gauge face with measurements in pounds and kilograms, and the attached pinch mechanism.

3. SETUP

1. **Unpacking:** Carefully remove the pinch gauge from its packaging. Inspect the device for any visible damage that may have occurred during shipping.
2. **Initial Cleaning:** Before first use, wipe the device with a soft, damp cloth. Ensure it is dry before operation.
3. **No Assembly Required:** This unit is designed as a stand-alone device and typically requires no assembly.
4. **Digital Connection (if applicable):** If utilizing the digital output feature, connect the transducer cable to a compatible computer or data acquisition system as per the system's instructions.

4. OPERATING INSTRUCTIONS

Follow these steps for accurate pinch strength measurement:

1. **Positioning:** Hold the pinch gauge comfortably in your hand, ensuring a stable grip.
2. **Finger Placement:** Position your fingers (typically thumb and index finger, or other combinations as required by the test protocol) on the designated pinch pads of the device.

3. **Applying Force:** Apply a steady, maximum pinch force. The gauge will register the measurement.
4. **Reading Measurement:** Read the measurement directly from the analog dial in either pounds (LBS) or kilograms (KGS). For digital models, the reading will be transmitted to the connected computer system.
5. **Recording Data:** Record the measurement accurately. For digital systems, ensure data logging is active.
6. **Repetitions:** If multiple measurements are required, allow for adequate rest between trials as per clinical guidelines.

Always refer to established clinical protocols for specific testing procedures and interpretation of results.

5. MAINTENANCE

- **Cleaning:** Clean the exterior of the device with a soft, lint-free cloth dampened with mild soap and water. Do not use abrasive cleaners or immerse the device in any liquid.
- **Storage:** Store the pinch gauge in a dry, cool environment, away from direct sunlight and extreme temperatures. Keep it in its original case or a protective container when not in use.
- **Inspection:** Periodically inspect the device for any signs of wear, damage, or loose components. If any damage is observed, discontinue use and contact customer support.
- **Calibration:** To ensure continued accuracy, periodic calibration by a qualified technician is recommended. The frequency of calibration may depend on usage and institutional policies.

6. TROUBLESHOOTING

- **Inaccurate Readings:**
 - Ensure proper technique is being used.
 - Verify the device has been calibrated recently.
 - Check for any physical obstructions or damage to the pinch mechanism.
- **No Reading (Digital Models):**
 - Confirm that the transducer cable is securely connected to both the gauge and the computer.
 - Check the power supply and software settings of the connected computer system.
- **Physical Damage:** If the device appears physically damaged, discontinue use immediately and contact Baseline customer support for repair or replacement options.

7. SPECIFICATIONS

- **Model Number:** 12-0023
- **Manufacturer:** Baseline
- **Product Dimensions:** 8 x 7 x 5 inches
- **Item Weight:** 1 Pound
- **ASIN:** B00BRCGMA2
- **Material:** Latex-free components
- **Measurement Units:** Pounds (LBS) and Kilograms (KGS)

8. WARRANTY AND SUPPORT

For detailed warranty information, technical assistance, or to inquire about service and repairs, please contact Baseline customer service. It is recommended to retain your purchase receipt as proof of purchase for any warranty claims.

You can typically find contact information on the manufacturer's official website or through your authorized dealer.