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› Wheeler Professional Digital Trigger Pull Gauge (Model 710904) User Manual

## Wheeler 710904

# Wheeler Professional Digital Trigger Pull Gauge (Model 710904) Instruction Manual

Accurate Trigger Pull Measurement for Firearms

## 1. INTRODUCTION

The Wheeler Professional Digital Trigger Pull Gauge is designed for precise measurement of trigger pull weight on firearms. This tool provides accurate readings in 1 oz increments, with a working range of 0 to 12 lbs, making it suitable for target shooters, gunsmiths, and hunters. Its digital display and advanced technology ensure reliable performance for adjusting and verifying trigger pull weights.



Image 1.1: The Wheeler Professional Digital Trigger Pull Gauge, showing its ergonomic design and digital display.

## 2. SETUP AND BATTERY INSTALLATION

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Before first use, install the appropriate batteries (not included) into the gauge.

1. Locate the battery compartment on the back of the gauge.
2. Open the battery compartment cover.
3. Insert the appropriate batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.
5. Press the power button to turn on the device. The digital display should illuminate.



Image 2.1: Close-up view of the digital display and control buttons on the Wheeler Trigger Pull Gauge.

## 3. OPERATING INSTRUCTIONS

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The Wheeler Digital Trigger Pull Gauge offers both Peak and Live measurement modes, and can record multiple pulls for averaging.

### 3.1 Basic Measurement Procedure

1. **Ensure Firearm Safety:** Always ensure the firearm is unloaded and pointed in a safe direction before handling.
2. **Power On:** Turn on the digital trigger pull gauge.
3. **Position the Gauge:** Place the gauge's contact point directly against the trigger. For triggers with safety blades, utilize the included trigger adapter (see Image 3.3).
4. **Apply Force:** Slowly and steadily pull the gauge backward until the trigger breaks. Avoid sudden jerks.
5. **Read Measurement:** The display will show the trigger pull weight. An audible indicator tone will sound when the measurement is complete.
6. **Reset:** Release the trigger and reset the gauge for the next measurement.



*Image 3.1: Demonstrating the Wheeler Digital Trigger Pull Gauge measuring the trigger pull of a rifle.*

### **3.2 Measurement Modes**

The gauge supports different modes for various measurement needs:

- **Peak Mode:** Records and displays the maximum force applied during a single trigger pull. This is ideal for determining the exact break weight.
- **Live Mode:** Displays real-time force as it is applied to the trigger. Useful for observing the pull characteristics before the break.

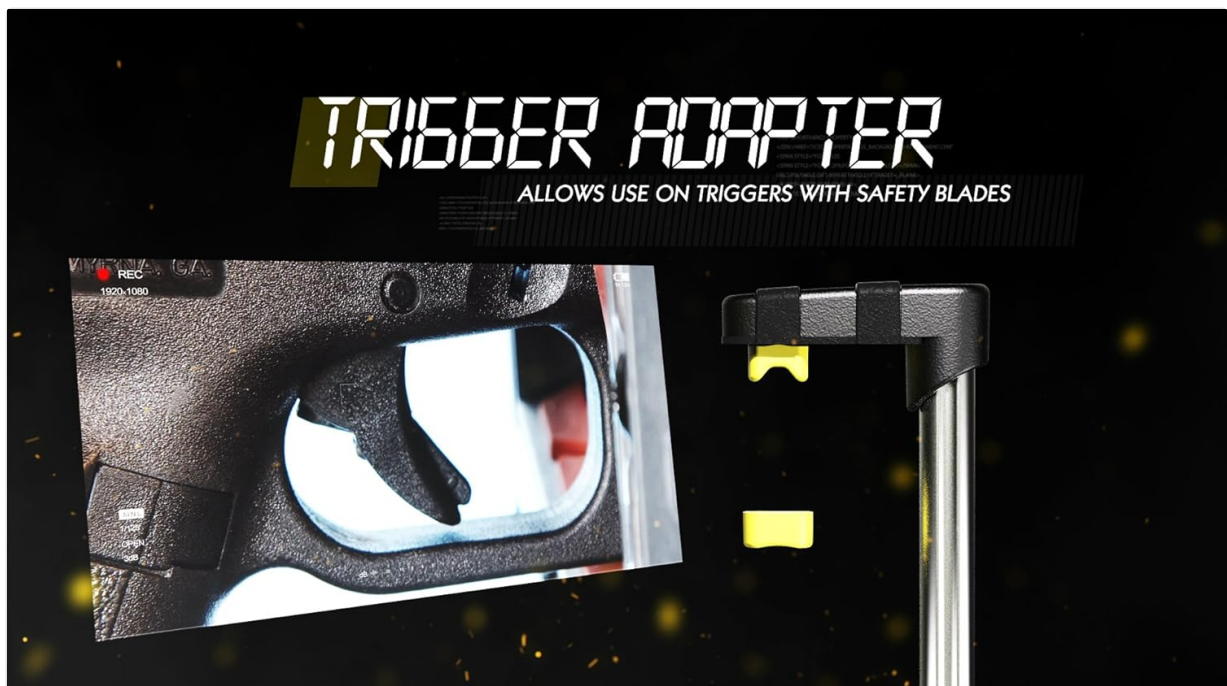
Refer to the on-screen indicators for the currently active mode. The gauge also records the number of pulls, average pull weight, and minimum/maximum pull weights for a series of measurements.



*Image 3.2: The gauge's display indicating measurement units (lb. & Kg.) and recording capabilities for peak, live, average, min, and max pulls.*

### 3.3 Using the Trigger Adapter

For firearms with triggers that include a safety blade, attach the provided trigger adapter to the gauge's contact point. This adapter ensures proper engagement and accurate measurement without interference from the safety blade.



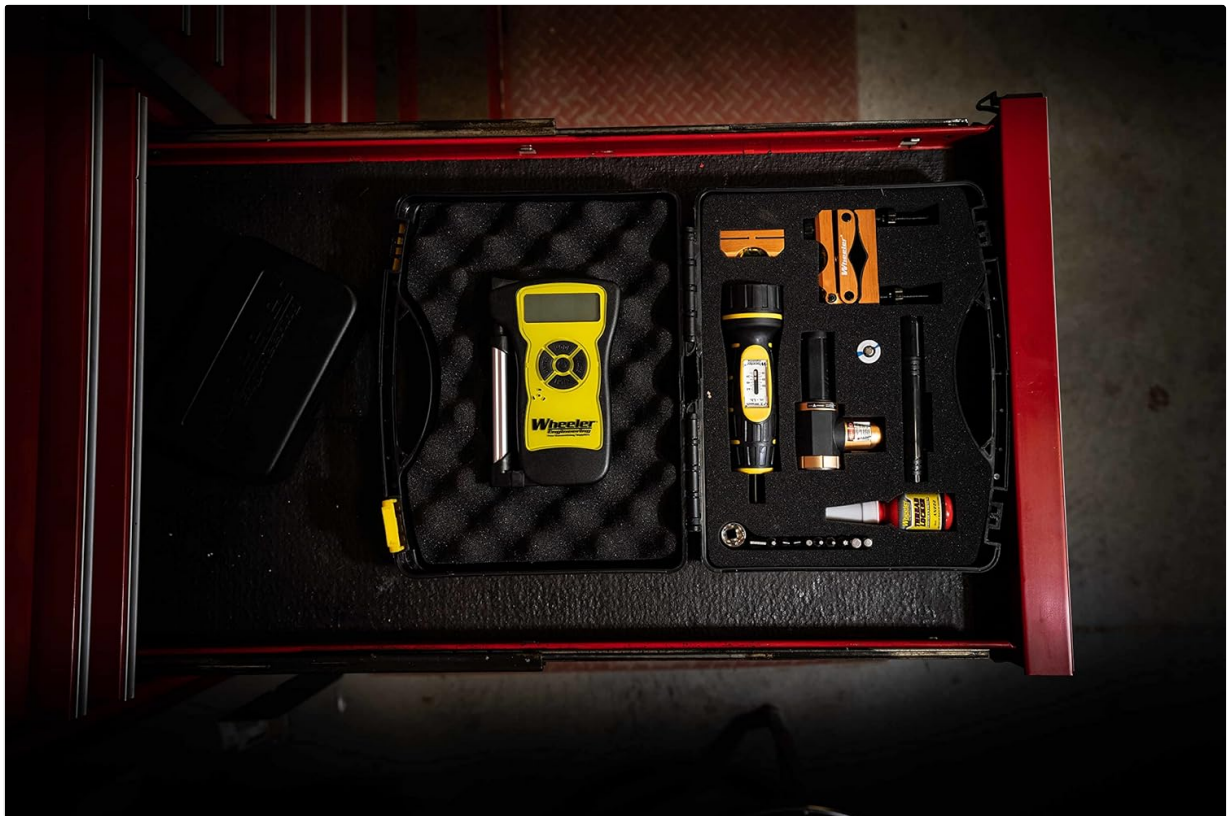
*Image 3.3: The trigger adapter, designed for use with triggers featuring safety blades.*

## 4. MAINTENANCE

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To ensure the longevity and accuracy of your Wheeler Digital Trigger Pull Gauge, follow these maintenance guidelines:

- **Cleaning:** Wipe the gauge with a soft, dry cloth after each use. Do not use abrasive cleaners or solvents.
- **Storage:** Store the gauge in its protective case in a cool, dry place when not in use. Remove batteries if storing for extended periods to prevent leakage.
- **Calibration:** The gauge is factory calibrated. If you suspect a calibration issue, refer to the troubleshooting section or contact customer support.



*Image 4.1: The Wheeler Digital Trigger Pull Gauge and accessories neatly stored in its custom-fit protective case.*

## 5. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Gauge does not power on.	Dead or incorrectly installed batteries.	Check battery polarity. Replace batteries with new ones.
Inaccurate or inconsistent readings.	Improper technique (jerking the pull), gauge not properly seated, or environmental factors.	Ensure a slow, steady pull. Verify the gauge's contact point is flush with the trigger. Avoid extreme temperatures.
Display is blank or shows error.	Low battery, internal error.	Replace batteries. If the problem persists, contact Wheeler customer service.
Audible tone not sounding.	Tone feature disabled or malfunction.	Check user settings for audible tone. If no setting, contact customer service.

## 6. SPECIFICATIONS

Feature	Detail
Brand	Wheeler
Model Name	710904
Measuring Range	0 - 12 lbs
Increments	1 oz
Accuracy	+/-0.5%
Material	Plastic
Item Dimensions (L x W x H)	6.5 x 5 x 2 inches
Item Weight	11.2 ounces
UPC	757183444625, 661120109044

## 7. WARRANTY AND SUPPORT

This Wheeler Professional Digital Trigger Pull Gauge is covered by a **limited lifetime warranty** provided by Wheeler. For warranty claims, technical assistance, or any product-related inquiries, please contact Wheeler customer service.

For the most current contact information and support resources, please visit the official Wheeler website or refer to the product packaging.