

Wheeler® Professional Digital Trigger Gauge

Engineering
Fine Gunsmithing Supplies

Instructions

Instructions: #1062198 Rev B
Product: #710904

! WARNING

WARNING: ALWAYS CHECK TO BE SURE GUN IS UNLOADED BEFORE USING TRIGGER GAUGE.

WARNING: TRIGGER MODIFICATIONS CAN POTENTIALLY CAUSE THE RIFLE TO MALFUNCTION. TRIGGERS SHOULD ONLY BE MODIFIED BY COMPETENT GUNSMITHS.

Battery Installation:

Your Wheeler® Digital Trigger Gauge comes fully assembled and precisely calibrated from the factory. To use, simply install 2 AAA batteries by following the steps below.


1. Locate and remove the Phillips head screw holding the cover on the back side of the unit.
2. Once the cover is removed, place two AAA batteries into the housing so that the negative side is against the spring.
3. Replace the cover and tighten the screw hand tight.

NOTE: Over tightening can damage the device.

The Digital Trigger Gauge will automatically power off after 10 minutes of inactivity.

When the battery power in the device is low, a low battery icon will display on the upper right corner of the screen. When this appears, replace the batteries to ensure readings are accurate.

Usage:

1. Once batteries are installed in the device, press the  button in the center to power it on. The screen will light up and should display all zeros.

NOTE: Avoid applying any force to the sensor when turning on the scale

2. Press the UNITS button to change between Pounds/Ounces and Kilograms as desired.
3. Rotate the arm 180° out of the storage position until it snaps into the upright position.

4. The arm may also be twisted 90 degrees to increase clearance around some gunstocks. **(PHOTO 1)**



NOTE: Always twist the arm back before folding. Attempting to fold the arm in the twisted position can permanently damage the product. **(PHOTO 2)**



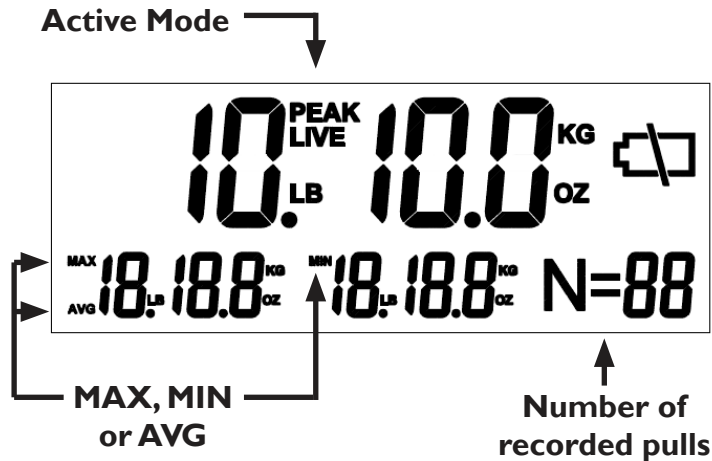
NOTE: The Digital Trigger Gauge was designed to provide the most accurate reading possible regardless of the position of the arm. By using a ball joint, errors from pulling at a slight angle can be minimized.

NOTE: The Digital Trigger Gauge has a bladed trigger adapter to allow its use with triggers that have internal safety blades such as: Glock®, Ruger®, Savage® and other manufacturers.



Adapter sits over the top of the trigger sensor and has a flatter profile for use on bladed triggers.

The Digital Trigger Gauge has two function settings, Peak and Live. Pressing the MODE button will switch between these two as desired. The active mode will be displayed after the first zero on the LCD

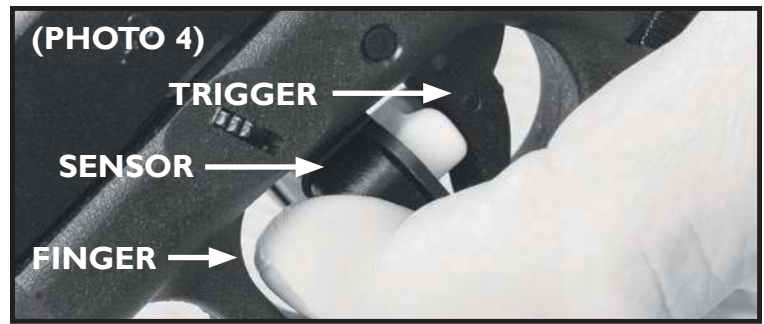


Peak Function:

The peak function will hold the maximum force recorded during each pull and calculate the maximum, minimum and average pull weights. These calculations are performed automatically and will constantly update and remain in memory until the unit is powered off, or they can be cleared by holding the DELETE button.

1. Press the MODE button until the word "PEAK" is displayed
2. In the bottom left corner of the screen the text "AVG" or "MAX" can be seen. Pressing MODE will change the display to show the other values, but will not clear the readings or calculations.
3. With all zeros displayed on the screen, cock the gun and slowly pull the trigger until it trips.

TIP: Placing your trigger finger over the back side of the sensor housing allows you to precisely control the trigger pull. **(PHOTO 4)**



4. Pressing ENTER will accept the peak reading and enter it into the calculations. Pressing DELETE will void the reading and prevent it from being used in the calculations.

NOTE: Pressing and holding the DELETE button for 2 seconds will clear all calculations.

5. After pressing either ENTER or DELETE, the scale will return to zero and be ready for a new reading. Simply cock the gun again and repeat to get a new reading.

NOTE: The number of accepted readings is displayed as N=XX in the bottom right corner. We recommend using at least three to five readings to get an accurate value.

Live Function:

The live function provides a real-time reading of the sensor. It will NOT hold a peak value.

1. Press MODE until the word "LIVE" is displayed after the first zero on the LCD screen.
2. Applying force on the sensor will show the live reading at all times and will return to zero when the load is removed.

NOTE: The Trigger Gauge has a maximum reading of 12.0lbs (5.45kg). Exceeding this force can cause permanent damage to the sensor.

STOP!

If you have a problem with this product, **DON'T RETURN IT TO THE STORE WHERE YOU PURCHASED IT.** Contact customer service at...