

## Specifications

Power Supply . . . . . 6 volt DC power adapter or 3 AAA batteries.

Units . . . . . grains or grams

Capacity/Accuracy . . . . . 1543.2 grains/+ or - 0.1 or 100.0 grams/+ or - 0.01

## Limited Warranty

Lyman Products Corp. warrants to the original retail purchaser of this scale for a period of one year from the date of purchase that the scale is free from defects in materials and workmanship. A defective scale returned postage-paid by the purchaser to Lyman Products Corp. with dated sales receipt within the one year period will be repaired or replaced free of charge, provided that the returned product has not been subject to abuse, unreasonable use, tampering, neglect or excessive wear. Please include a description of the alleged defect.

# Lyman®

# Micro-Touch™ 1500 Electronic Reloading Scale



For questions please contact Lyman Customer Service toll free at  
1-800-22 LYMAN  
(Foreign customers may call 1-860-632-2020)  
[www.lymanproducts.com](http://www.lymanproducts.com)

**Lyman®**  
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Middletown, CT 06457

## Operating Instructions

# Lyman® Micro-Touch™ 1500 Electronic Reloading Scale

## Introduction

Congratulations on your purchase of the Lyman Micro-Touch 1500 Precision Digital scale. This is a precision piece of equipment and should be handled with care. Before using the 1500, please read these instructions fully and become familiar with its operation and features. If you do not understand some of the operations or have questions about the use of the scale, call us at 1-800-22-LYMAN (Foreign Customers may call 860-632-2020).

## Display

The scale is equipped with a backlit, touch screen display. Touch screen keys include: ON/OFF which turns the scale on and off and also is used for calibration, ZERO which tares or zeros the scale, and MODE which switches the scale from grains to grams.

## Set-Up

1. Select a location for the 1500 that is level and stable. It is recommended that the scale be located away from a loading bench equipped with a reloading press. Most benches are not heavy enough to prevent vibrations being transferred to the scale. The scale should also be positioned away from any source of drafts, air currents, or temperature changes. The 1500 is sensitive enough to be affected by these conditions.
2. Plug the power adapter into a wall outlet and connect it to the scale. The scale can also be run on three AAA batteries. To install the batteries, remove the cover on the bottom of the scale and install the batteries so that the negative ends are against the springs.
3. The scale is equipped with a clear plastic dust cover. The cover can be hinged back when the scale is in use. It is recommended that the cover be closed when the scale is not in use to protect the platform and load cell.
4. For the first use, it is recommended to turn on the scale and allow it to run for 24 hours. This will help it to stabilize to its surroundings.

**Notice: When first turning on the scale it will remember whether it was last run in the Grain or Gram mode, and lock in this setting the next time it is turned on. Allow one minute run time before changing mode settings.**

## Calibration

1. It is recommended that the scale be calibrated before each use, or if the scale is moved or jarred in any way.
2. Press the ON/OFF button to turn on the scale.
3. Press the ZERO button to reset the scale to zero.
4. Press and hold down the ON/OFF button until the display shows “0” then release it. The scale will then flash 100.00. Place the supplied 100-gram calibration weight on the platform (the powder pan should not be on the scale).
5. The scale will now show 1543.2 gn on the display. Remove the 100-gram weight. The display will now show approximately 0.0 gn.

## Operation

1. Place the empty powder pan on the platform and press the ZERO button to reset the scale to zero.
2. The scale is now ready to weigh powder.
3. The scale can be changed to display grains or grams as desired. Press the MODE button to switch the scale from one to the other. In the grain mode the scale will display “gn”, in the gram mode the scale will display “g”.
4. It is recommended that the ZERO button be pressed on occasion during use (approximately every 10 loads measured) to ensure that the scale is maintaining its zero or any time the display is off zero when an empty powder pan is on the platform.
5. The scale is equipped with an auto-shutoff feature when batteries are in use. The scale will auto-shutoff after approximately 4 minutes of non-use to save battery life.
6. The display will show “LO” to indicate a low battery condition.
7. To shut-off the scale, press the ON/OFF button.

## Cautions

1. Never leave a load on the scale for a prolonged period of time as this can damage the load cell.
2. Always place the calibration weight or a load gently onto the scale. Dropping the weight on may cause permanent damage to the load cell.
3. Do not attempt to disassemble the scale. There are no user serviceable parts inside the scale.
4. Do not pull or pry on the platform. Damage to the scale can result.
5. Be careful not to spill powder between the platform and the body of the scale. Powder caught in this area can affect the scales readings. If powder is spilled, use a soft brush or gently blow it out with compressed air.

**Note: The scale cannot be used with a trickler until approximately 1.0 grain has been added to the powder pan. Do not attempt to trickle up from “0” as an improper reading can result.**