

Lyman
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1500XP Electronic Reloading Scale

Instructions

Precision Elite Series



Lyman Precision Elite Series

1500 XP Precision Electronic Scale

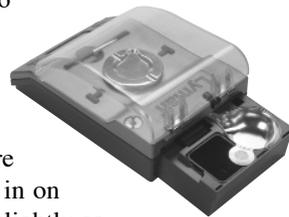
Instructions

Introduction

Congratulations on your purchase of the Lyman 1500 XP Precision Digital scale. This is a precision piece of equipment and should be handled with care. Before using the 1500 XP, 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 above the use of the scale, call us at 1-800-22-LYMAN (Foreign Customers may call 860-632-2020).

Set-Up

1. Select a location for the 1500 XP 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 XP is sensitive enough to be affected by these conditions.
2. Plug the power adapter into a wall outlet and connect it to the scale. A series of lines will be displayed to show that the scale is getting power. (This is only when the power adapter is used, not with batteries). The scale can also be run on four AA batteries. To install the batteries, slide open 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 or removed if desired. To remove the dust cover, press down on the button located between the two hinges and slide the cover to the right and off the hinges. It is recommended that the cover be in place 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. Press the ON/OFF button to turn on the scale.
5. The 1500 XP has a convenient storage compartment tray located in the back area of the scale body. The powder pan and powder trickler parts are stored in this tray. To remove the tray, firmly press in on the tray and quickly release. The tray will pop out slightly so that it can be slid out of the scale body. See photo.



6. A brush is supplied with the scale to aid in the clean up of any spilled powder, particularly any that may get beneath the platform.

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 ZERO button to reset the scale to zero.
3. Press and hold down the CAL button until the display shows “Cal 20” then release it.
4. Place the supplied 20-gram calibration weight on the platform and press the CAL button again. (Press and release, do not hold it down.)
5. The scale will now show 0.0 on the display. Remove the 20-gram weight. The display will now show approximately -308.6.
6. Press the ZERO button one more time to reset zero.

Scale Use

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 a 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 15 minutes of non-use to save battery life.
6. The display will show an image of a battery to indicate a low power condition when batteries are being used.
7. To shut-off the scale, press and hold down the ON/OFF button for several seconds.

Trickler Set-Up and Use

One of the unique features of the 1500 XP scale is its built-in powder trickler. Most tricklers were designed for use with beam scales and cannot be used with electronic scales due to their size and height. The 1500 XP solves this problem by allowing the reloader to attach the trickler directly to the scale.

1. Remove the storage tray from the back of the scale and remove all trickler parts. (The powder feed tube is located on the bottom of the tray).
2. Note the lugs on the bottom of the powder reservoir. Insert the lugs into the matching openings in the top of the round base section and turn clockwise to lock the reservoir to the base.
3. Slide off the o-ring located nearest to the open end of the powder feed tube.
4. Insert the powder feed tube through the reservoir. Be sure that the open end is angled downwards.

5. Slide the o-ring back into place on the powder feed tube.
6. The powder trickler can be positioned on either the right or left hand side of the scale. Remove the “T” shaped plug from the scale side that you want to place the trickler on.
7. Press the “T” shaped end of the trickler assembly into the scale body opening.
8. Fill the reservoir with powder and rotate the feed tube clockwise to dispense powder onto the powder pan.

Note: The scale cannot be used with the 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.

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.

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.

For questions please contact Lyman Customer Service toll free at 1-800-22-LYMAN (Foreign customers may call 1-860-632-2020).

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