

## CAUTIONS

- Never leave a weight or weighed charges on the scale for a prolonged period of time as this may damage the load cell or cause the scale to drift.
- Always place a load gently onto the platform. Dropping the weight may cause *permanent damage* to the load cell.
- Never try to disassemble the scale, which may *permanently damage* the mechanism and electronic components. There are no user serviceable parts inside the scale. Maintenance should be done only by properly trained technicians.
- For maximum accuracy, place loads as near to the center of the platform as possible.
- Do not expose the scale to direct sunlight or store in high humidity. Serious jarring of the scale should be avoided.

## LIMITED WARRANTY

Your Lyman product has been produced under rigid standards of manufacture and inspection. However, if your scale is found to be defective in material or workmanship within (1) year from date of delivery to the first retail purchaser, we will repair or replace it without charge provided a copy of the original purchase receipt is included.

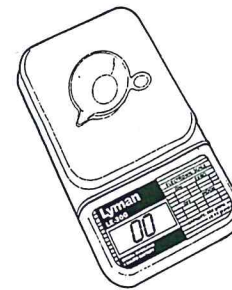
If you require service under this warranty, please complete the warranty repair notice form and deliver your scale, together with your completed notice form, postage or freight prepaid, to our factory at the address below. Your scale will be repaired or replaced and returned to you within (60) days of our receipt. In making any return to the factory, be sure that it is packed with proper care to protect it from damage in transit. We are sorry, but our warranty cannot apply to a defect which results from misuse, abuse, neglect, accident, or improper care, or if your scale has been altered or repaired by anyone other than factory personnel.

For any questions please contact Lyman Customer Service at 1-800-22-LYMAN or 1-860-632-2020. Hours: 9:00 AM - 3:30 PM EST Monday - Friday

LYMAN PRODUCTS CORPORATION  
475 SMITH STREET  
MIDDLETOWN, CT 06457

Visit Our Website At [www.lymanproducts.com](http://www.lymanproducts.com)

# Operating Instructions For Lyman's Electronic Scales



LE-300  
(#7752361)



LE-500  
(#7752377)

The Lyman LE-300/LE-500 is a portable, top-loading, digital electronic scale. The sensing mechanism is a load cell with a real working capacity of (300 grains=LE-300) (600 grains=LE-500) and operates on 2 AAA batteries.

## SPECIAL INSTRUCTIONS

The strain gauges and load cell in an electronic scale capable of sensing such a small weight change as 0.1 grain are *sensitive to atmospheric conditions such as temperature and humidity*. In some cases, these conditions can and do cause variations or drift in scale readings. An example would be moving a scale from a 70° room to a 40° basement. To minimize the effect of changes in the atmosphere, try to operate the scale in as stable an environment as possible.

If scale readings do drift, do not panic. Allow the scale to stabilize to its new environment for about 30 minutes, then zero and calibrate the scale. You may need to repeat zeroing and calibrating several times before the scale stabilizes. This is normal and allows the load cell to adjust to the new environment. Scale readings will then stabilize.

*Do not leave any weight (other than the powder pan) on the scale when not in use.* The load cell bends slightly when weight is on the platform and if left there, will cause the load cell to become "set". After a while, the scale will be damaged because the load cell will not return to its normal position.

# LYMAN Zeroing & Calibration Procedures

## IF YOUR SCALE READS "EE" OR "-EE"

Sometimes an electronic scale can be shifted out of its working range, possibly by a jolt in shipping or transportation. When this occurs, your scale tells you by displaying "EE" or "-EE". This can be corrected:

2. Press "OFF" and "ZERO" simultaneously. The display will show "In", meaning input. You will be able to input the information needed to get the scale back to its normal function.
3. Press "OFF" and "ZERO" simultaneously a second time; a number will appear that will count down and eventually stop.
4. Press "ZERO" and the scale will display zero.
5. Place the calibration weight onto the scale and press "OFF" and "MODE" simultaneously until "CAB" appears on the display. A number will then appear, but not the actual weight of the calibration weight
6. Remove the calibration weight from the scale and turn off the scale to get out of the input function. The scale now can be turned back on and should be calibrated normally.

At this point, you should be back in business.

If this procedure does not work the first time, we suggest you keep trying. If you need assistance, please call Lyman Customer Service.

