

5. CAUTIONS

- a. Never leave a load on the scale for a prolonged period of time as this may damage the load cell.
- b. Always place a load gently onto the platform. Dropping the weight on may cause PERMANENT DAMAGE to load cell.
- c. 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 by properly trained technicians.
- d. For maximum accuracy, place loads as near to the center of the platform as possible.

LIMITED WARRANTY

LYMAN PRODUCTS CORPORATION warrants to the original retail purchaser of this scale for a period of one year from date of purchase that his scale is free from defects in materials and workmanship. A defective scale returned postage-paid by purchaser to LYMAN PRODUCTS CORPORATION 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 indicate a description of the alleged defect.

For questions please contact Lyman Customer Service Toll Free at 1-800-22-LYMAN (except AK, CT, HI and foreign, who may call 1-860-632-2020) Hours: 9:00 AM - 3:30 PM, EST Monday - Friday

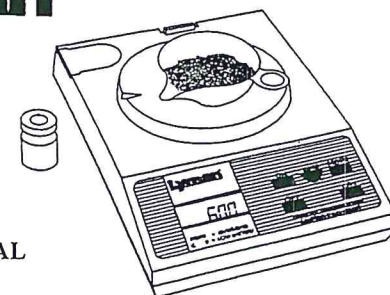
RETURN POSTAGE PAID WITH DATED SALES RECEIPT TO

LYMAN PRODUCTS CORPORATION
475 Smith Street
Middletown, CT 06457

1/04

Lyman®

Electronic Precision Scale
Stock Number LE-1200



USER MANUAL

PLEASE READ BEFORE USING SCALE

1. GENERAL DESCRIPTION

This is a portable top-loading digital electronic scale. The sensing mechanism is a load cell. The scale may be powered by battery or option AC adapter.

2. INSTALLATION

- A. Set the scale on a flat, rigid surface, located away from dust, vibration, extreme heat sources, wind, strong electromagnetic sources such as electric motors or generators, and fluorescent lamp starters (within 3 feet typically).

Any slope may lead to inaccurate readings. For greater accuracy, recalibrate the scale (see below) whenever the scale is relocated.

In the event of temperature change, allow 2-3 minutes for the scale to stabilize.

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.



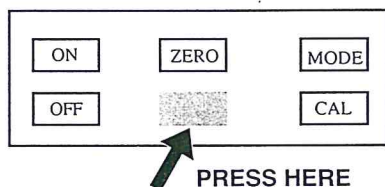
Special Instructions For Models LE-1200

Due to misuse or transportation transit, it is possible that the scale does not function properly and responds as -EE, EE, nonlinear. Check the following to correct the fault.

Power on the scale by pressing the "ON" key and wait until some value appears (maybe the displays shows -EE or EE), press the "ZERO", "OFF" and "MODE" simultaneously, and indication "In" will appear on the right most side of the display and after a while a number will appear. Press the "MODE", "OFF" and *blank spot* (between "OFF" and "CAL" button - see diagram below) simultaneously then see a number of value FF (in hexadecimal) start to count down until it stops at a certain value. Another decimal number will appear after the hex value stops. Tare off the number to zero by pressing tare and place the standard calibration gram weight* onto the platform. Press "CAL" key and "CAB" will appear. A number will then appear, **but not the actual weight of the calibration weight**. Remove the calibration weight from the scale and turn off the scale to get out of the "In" mode. The scale now can be turned back on and should be calibrated normally.

Normally calibration of the scale should be done without entering the "In" mode. Power on the scale and allow 1 to 2 minutes warm up time. Tare off any reading to zero, place a standard calibration gram weight* onto the center of the platform. Press the "CAL" key and "CAB" will appear. Let the scale do the rest of the work. After a while the display should read the same as the calibration weight being used.

If this procedure does not work the first time, we suggest you keep trying. If you need assistance, please call Lyman Customer Service 1-800-22-LYMAN. Hours 9:00 a.m. - 4:30 p.m. EST Monday -Friday



*LE-1200 = 80 gram calibration weight