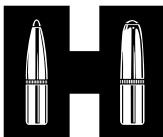


INSTRUCTIONS

AUTO CHARGE® PRO



Item No. 050053



Hornady®
Accurate. Deadly. Dependable.

AUTO CHARGE® PRO

The new Hornady® Auto Charge® Pro provides precise, customizable powder dispensing in an easy-to-use, space-saving unit. Precise to within 0.1 grain, the Auto Charge® Pro offers customizable trickle speeds for various powder types, as well as custom time settings. Store settings for up to four custom loads or use the factory setting. The backlit touch screen is easy to read, while a large knob on the side simplifies powder emptying. Other features include large powder capacity, built-in bubble level and smaller footprint than competing brands.

IMPORTANT SAFETY FUNCTIONS

WARNING - Before operating the unit, please carefully read and understand this document.

- **NEVER** use with black powder – **for smokeless powder only.**
- Do not store powder in clear powder hopper for extended periods. Powder can absorb moisture from the air or eventually attack the plastic. Remove powder after every loading session.
- Internal components are very sensitive. Do not shake, drop, or overload unit.
- Handle unit with care, treating it as the sensitive instrument it is.
- If spilled powder gets inside unit, do not operate. Call Hornady Customer Service at 1-800-338-3220.

POWER SUPPLY (Adapter):

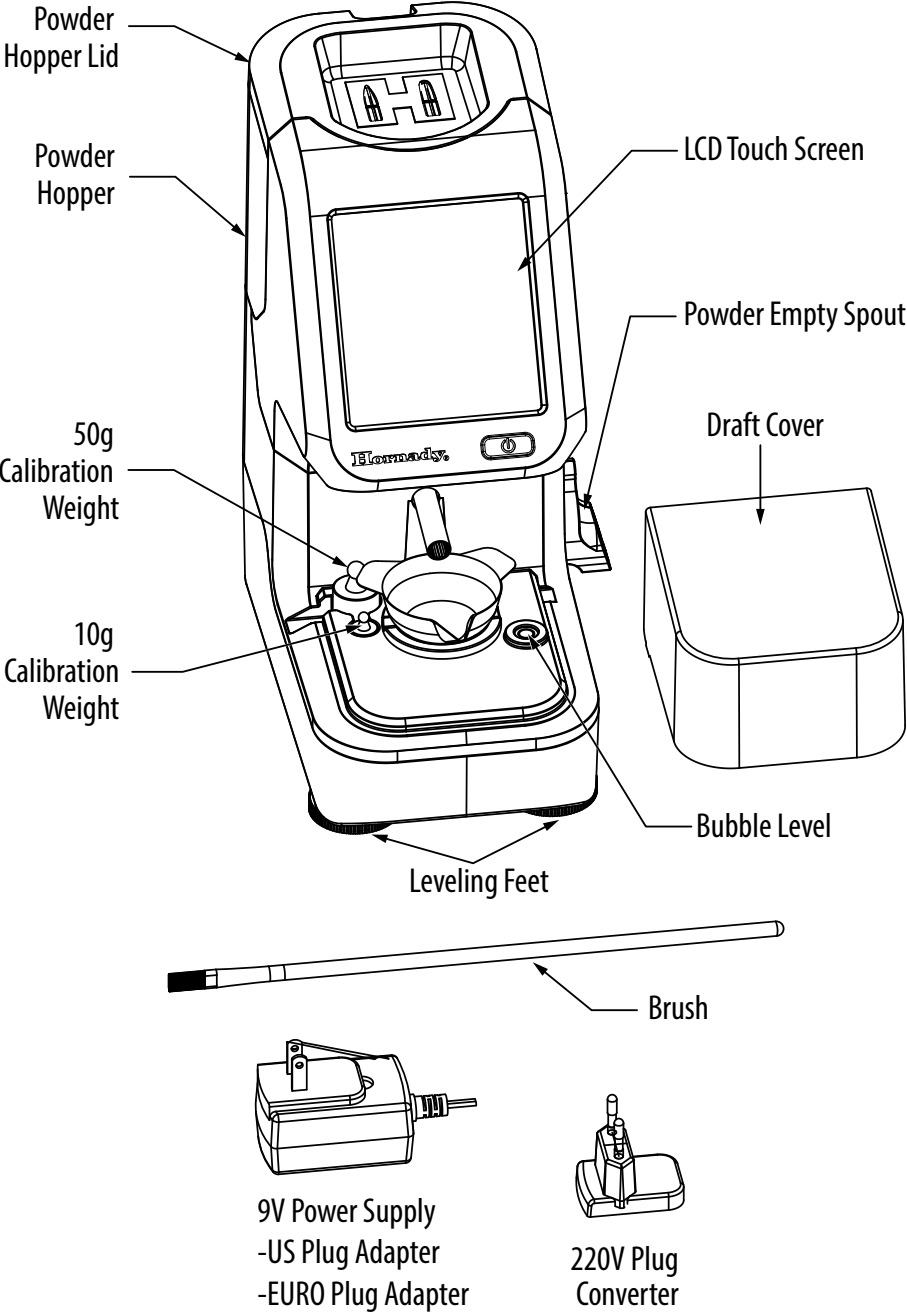
Input: AC100-240V - 50Hz/60Hz

Output: DC 9V 1A

TIPS TO IMPROVE PERFORMANCE

- Fluctuations in temperature, even of a few degrees, can cause scale readings to vary. While scale can be used immediately, optimal performance will occur after unit has warmed up for 5-15 minutes.
- Always place the scale on a flat, level, and stable surface when in operation.
- Electrical interference can cause scale readings to vary. Keep other electronic devices (power strips, florescent lights, motors, radios, phones, etc.) away from scale when in operation.
- Do not let a fan, air conditioner, heater, or open window blow on scale.
- Using clear cover over powder pan will improve accuracy and lessen effects of outside variables.

PARTS LIST



QUICK START

- Verify unit is properly assembled with scale plate, powder pan, and clear powder hopper in place.
- Turn unit on by removing the powder pan, plugging it in and pressing black power button on front of unit. For best performance, allow unit to stabilize for 5-15 minutes before use.
- Calibration is recommended before each use. (See Calibration Section.)
- Ensure powder pan is on scale and that actual weight reading (right side of display) reads "**0.0.**" If not, touch **ZERO/CALIBRATE** button.
- Verify that powder hopper empty nozzle (at rear, right side) is closed. Fill clear powder hopper until powder is visible at bottom of clear hopper. Fill higher if loading many rounds.
- Check to be sure that "Setting" reads "Normal."
- Tap **TARGET** button in upper left corner.
- Enter Target Weight using numerical keypad. Last number entered should be decimal amount of charge: **xx.X**. Press **ENTER** to store Target Weight.
- Tap **DISPENSE** to begin dispensing entered powder charge.
- Should dispensed charge be greater than 0.1 of a grain above targeted amount, "**OVER**" will be displayed. Press **ENTER** to remove "**OVER**" warning. Then, either dump charge into powder tube and re-dispense or remove a small amount of powder, and press and hold **DISPENSE** to trickle to desired weight.
- Do not use "**OVER**" charges.



KEYPAD BUTTON FUNCTIONS

ON/ OFF (*mechanical button*): Tap to turn on. Hold for three seconds to turn off.

ZERO/CALIBRATE: Tap to zero scale. Hold for three seconds to calibrate.

DISPENSE: Tap to begin or pause dispensing target amount, hold to trickle.

AUTO/MANUAL: Tap to switch from **AUTO** to **MANUAL** mode.

AUTO – Dispensing cycle begins once empty pan is placed back on scale plate and scale re-zeros itself.

MANUAL – Use **DISPENSE** button to begin each dispensing cycle after pan is placed on scale. This allows partial charge to be placed on scale and Auto Charge® to finish trickling remainder of charge until Target Weight is reached.

KEYPAD BUTTON FUNCTIONS *(continued)*

UNITS: Tap to select measurements in **GRAINS** (gn) or **GRAMS** (g). Hold for 6 seconds to turn button beeps off. This will not turn the beep at the end of a powder charge off.

ENTER: Enter target amount using numeric keys, then press ENTER to store Target Weight and to store any custom settings.

SPEED: Sets the speed at which the unit will trickle.

Larger Number - Faster Trickling, Lower Accuracy

Smaller Number - Slower Trickling, Higher Accuracy

TIME: Set how many grains away from target weight the unit will begin to trickle.

Larger Number - Longer Trickle Time, Higher Accuracy

Smaller Number - Shorter Trickle Time, Lower Accuracy

SETTING: Tap **SETTING** to toggle between Normal, 1,2,3,4. The settings you are currently using are displayed above the **SETTING** button. Settings 1,2,3,4 are memory slots for any custom settings. When Target, Speed, Time, and Program settings are modified in one of these slots, it will automatically be saved. If Normal mode is used, no custom settings will be saved.

ENTER + 8: Touch and hold these two buttons to adjust the Program setting which will increase or decrease the overall speed and accuracy of the unit depending upon which of the three settings is chosen from below.

L - (Low) - Lowest Speed, Highest Accuracy

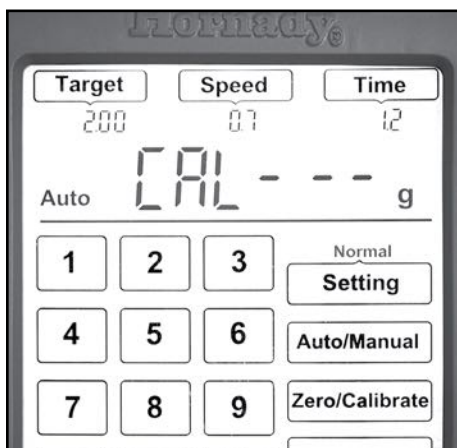
M - (Medium) - Average Speed, Average Accuracy

H - (High) - Highest Speed, Lowest Accuracy. (High speed is not recommended for low charge weights with Long Stick Powders, i.e. 24gn of H4831)

8: Touch and hold the number 8 on the keypad to view which program setting is currently being used. (L,M,H)

CALIBRATION

- For optimal performance, turn unit on and allow 5-15 minutes to warm up.
- Verify powder pan has been removed, and that the red scale plate is empty.
- Press **ZERO/CALIBRATE** button for three seconds until unit displays "**CAL---**".
- When **10.00g** is flashing, place the 10g weight on the center of the scale plate. The unit will show "-----" while calibrating the 10g weight.
- When **10.00g** appears again, remove the weight.
- When **50.00g** is flashing, place the 50g weight on the center of the scale plate. The unit will show "-----" while calibrating the 50g weight.
- When **50.00g** appears again, remove the weight.
- After calibration, the unit will briefly display "**PASS**" before returning to normal operation.



CLEANING

It is very important that the powder is cleaned out of the Auto Charge Pro after each use. The Auto Charge Pro should not be used as a powder storage device. To easily clean out the unit perform the following steps.

- Slide Auto Charge to the edge of a table, with the Powder Empty Spout hanging over the edge of the table.
- Hold the proper powder container below the Powder Empty Spout, and slowly rotate the spout so that the powder will dump into the container.
- Once the powder has been emptied out of the hopper, close the powder empty spout.
- Place the powder pan on the Auto Charge as if a charge is going to be thrown.
- Touch **DISPENSE** on the screen to empty out the trickle tube. If the charge weight is smaller than the amount of powder left in the tube, this will need to be repeated more than once.
- After all powder is out of the trickle tube, repeat steps 1 and 2 to remove the rest of the powder.
- At this time, remove the powder hopper and use the included brush to clean out the rest of the powder from the hopper.
- Close the powder empty spout when finished.

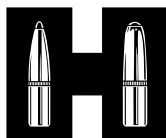
WARRANTY

The Hornady Auto Charge® Pro is a highly sensitive instrument, which must be repaired and serviced by a factory qualified technician to maintain the warranty.

Hornady Manufacturing warrants to you that for one year from the date of purchase, your Auto Charge® Pro will be free from defects in material and workmanship.

This warranty does not cover damage caused by normal wear, accidents, abuse, or failure to provide proper care and maintenance. Please contact Hornady Manufacturing at 1-800-338-3220 for service or warranty information.

The warranty is void if the seal on bottom of unit has been tampered with.



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