

Autosealer™ 2600

110-060



HERNON®
MANUFACTURING, INC.
High Performance Adhesives, Sealants and
Precision Processing Solutions

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Unpacking and Inspection

Carefully remove all contents from the boxes and check for damage. **Hernon is not responsible for damage from shipping – all claims for shipping damage should be made with carrier.**

Check all boxes for contents and document any serial numbers for further reference. You may wish to retain original shipping cartons in case you need to repackage any item for return.

If you observe or experience any problem with your equipment, notify Hernon Customer Support, your authorized distributor, or your Hernon representative immediately.

NOTE: REPORT ANY SHORTAGE TO HERNON CUSTOMER SERVICE

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Before continuing with unpacking and installation, please read the following chapters of this manual for safety recommendations and installation, running, and troubleshooting instructions.



WARNING! Always observe safety requirements!

Safety

For safe and successful operation of the unit, read these instructions completely. If the instructions are not observed, the manufacturer can assume no responsibility. Be sure to retain this manual for future reference.

Operators must read and understand all operating instructions before attempting to operate this equipment.

If chemical products are not properly handled, damage to health can result.

- Observe general safety regulations for the handling of chemicals.
- Observe manufacturer's instructions.
- When working with pressurized air, wear protective glasses.

While under warranty, the unit may be repaired only by an authorized Hernon service representative. Request a material safety data sheet for the HERNON® product used.

General

The Hernon® Autosealer 2600® dispensing system is a touch-actuated, all-pneumatic applicator for dispensing high-viscosity Hernon® products onto threaded pipe fittings and nipples. A quick-turn turret has cavities for 1/16", 1/8", 1/4", 3/8", 1/2", 3/4", and 1" male pipe threads. It is recommended specifically for applying Hernon Pipe Sealants. The Autosealer 2600® is fed directly from a 50 ml tube, 250 ml tube, or an 850 ml cartridge. The 850ml version is known as the Autosealer 2600-850, and includes an 850ml cartridge retainer (Part number 110-056).

The Hernon Autosealer™ 2600 is intended to dispense high viscosity Hernon Dripstop™ and Powerseal™ sealants.



Figure 1- Autosealer 2600, with components labeled.

Specifications

System Part Number	110-060
Power Requirements	None
Air Pressure	0-100 PSI (Maximum) Filtered, lubricated air.
Air Input	1/4" NPT Universal Chuck, or 1/4" NPT Female
System Warranty	1 year from purchase
Weight (approx.)	10 lbs. (4.5 kg)

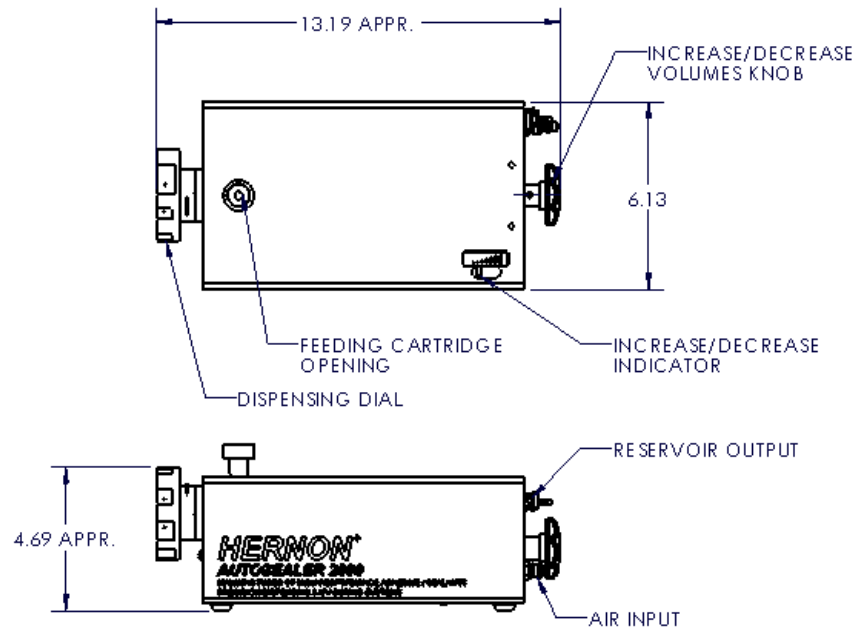


Figure 2- Case Dimensions

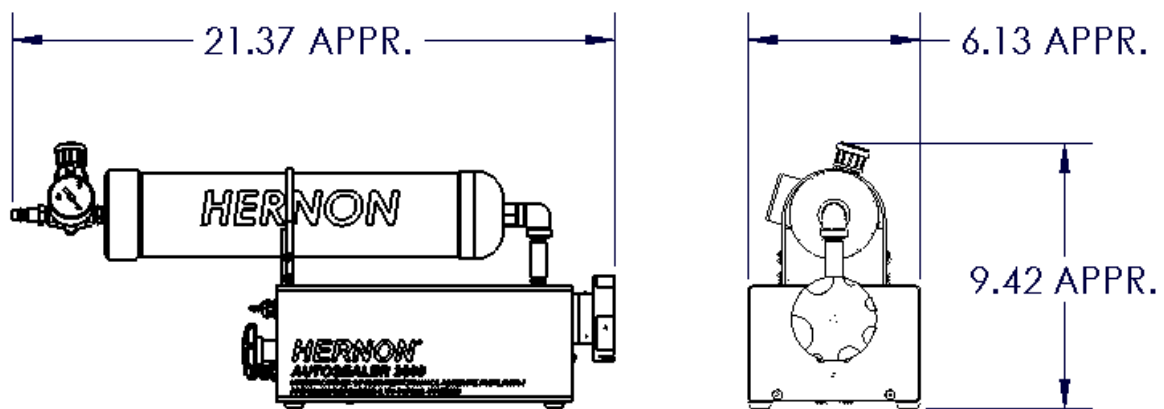


Figure 3- Case Dimensions, with 850ml cartridge retainer.

Assembly and Operation

A turret head with a cavity for each size of pipe thread is attached to the output of an air actuated, positive-displacement pump. The operator merely presses a fitting down into the correct cavity. The downward motion of the turret depresses a switch that actuates the piston pump causing a metered amount of product to be dispensed. When the fitting is removed, the pump will reset, ready for another cycle.

850 ml cartridge

1. Lubricate Retainer 0032 cap with Vacuum Lubricant. – Vacuum Lubricant keeps sealant from bonding to retainer threads and aids in O-Ring sealing of cartridge. **Do NOT over Lubricate.**



2. Remove 850 ml cartridge cap.



3. Insert 850 ml cartridge inside Retainer 0032 Housing.



4. Screw Retainer 0032 Cap onto Retainer 0032 Housing. – Tighten to assure O-ring seal on cartridge cap.



5. Remove 850 ml cartridge ¼" NPT plug (RED)



6. Reduce regulator to less than required PSI for set up loading.



7. Screw Retainer 0032 to the Autosealer 2600 ¼" NPT fitting. – Seat against O-ring seal NOTE: Care should be taken not to thread retainer/cartridge beyond O-ring seal to prevent cartridge fracture.



8. Attach CPC quick disconnect airline to Retainer 0032 and Autosealer 2600.



9. Attach shop air input to the quick release nipple. – Cartridge cap and Rear of Autosealer 2600



10. Adjust/increase retainer regulator to sufficient pressure. (5psi-15psi average, 30psi max) Air pressure is used to move sealant from cartridge retainer to 2600/piston pump. The required pressure will vary depending on sealant type and temperature. Over pressurizing can lead to bypass, and or free flowing of sealant through dispense orifice.



11. Select the proper size depression in the rotating turret on the front of the Autosealer™ 2600 to fit the intended threaded part. Turn the dispense turret so that the selected cavity is facing up. Rotate turret to desired fitting size.



12. Adjust piston stroke with Black Knob as required for shot size. Rotation Right Decreases volume, Rotation Left Decreases Volume. Gold gage reference only. **Note: Do not force knob.**



13. Once all desired settings are acquired begin dispensing. Place the threaded pipe into the cavity and press to dispense sealant onto the part. Approximately two threads-180° around the fitting will be coated with sealant. This is sufficient for most applications. To apply sealant completely around the fitting, twist the fitting as it is pressed against the turret. The dispensing ring will depress ~1/8" and automatically reset to a neutral position after pressure is released.



14. The Autosealer™ 2600-850 can be left idle without any detrimental effects.

250ml and 50ml tubes

1. *Operators must read and understand all operating instructions before attempting to operate this equipment.*
2. Connect shop air (60 to 100 psi) to the air fitting located in the rear of the Autosealer™ 2600. The air should be filtered and dry.
3. Cut the tip off a 50 ml or 250 ml tube of Hernon Dripstop™ sealant. Thread into the fitting located on the top surface behind the turret.
4. Select the proper size depression in the rotating turret on the front of the Autosealer™ 2600 to fit the intended threaded part. Turn the dispense turret so that the selected cavity is facing up.
5. Adjust the large knob in the rear of the dispenser to change the amount of sealant dispensed. Control the level of amount using the numbered scale located on the top surface.
6. Push down on the turret until sealant emerges from the dispensing opening in the dispense turret to remove air trapped in the pump.
7. Place the threaded pipe into the cavity and press to dispense sealant onto the part. Approximately two threads-180° around the fitting will be coated with sealant. This is sufficient for most applications. To apply sealant completely around the fitting, twist the fitting as it is pressed against the turret.
8. The Autosealer™ 2600 can be left idle without any detrimental effects.

WARRANTY

CAUTION!

HERNON CORPORATION RESERVES THE RIGHT TO INVALIDATE ANY WARRANTIES, EXPRESSED OR IMPLIED, DUE TO ANY REPAIRS PERFORMED OR ATTEMPTED ON HERNON EQUIPMENT WITHOUT WRITTEN AUTHORIZATION FROM HERNON. THOSE CORRECTIVE ACTIONS LISTED BELOW ARE LIMITED TO THIS AUTHORIZATION.

Hernon offers a one-year warranty against defects in material and workmanship on all system components, except the bulb, with proof of purchase date. Unauthorized repair, modification, or improper use of equipment may void warranty. The use of aftermarket replacement parts not supplied or approved by Hernon will void any effective warranties and may result in damage to the equipment.

The data contained in this bulletin is furnished for information only and is believed to be reliable. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any product or methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use thereof. Nothing in this bulletin is to be interpreted as a representation of freedom from domination of patents owned by others or a license under a Hernon patent. We recommend that each prospective user test his proposed application before repetitive use, using the data as a guide.

Notes