

EQUIPMENT CATALOG

CORPORATE PROFILE

In addition to manufacturing high performance adhesives and sealants, Hernon® also produces an extensive line of precision dispensing valves, powerful UV LED curing components and custom application equipment and systems. A vast on-site machine division allows Hernon® to design, build, service and integrate dispensing &/or curing equipment for any application need.

Hernon's **Formulating Solutions** approach means combining the best possible adhesives and sealants with the most efficient and optimal application equipment and service all from a single source.

INDUSTRIES SERVED:

- | | | | |
|-------------------------|--------------------|-------------------|------------------|
| Aerospace | • Appliances | • Automotive | • Communications |
| Construction | • Custom Solutions | • Defense | • Electrical |
| Energy/Power Generation | • Fire Suppression | • Fluid Packaging | • Manufacturing |
| Marine | • Medical | • Military | • Ammunition |

HERNON® ~ CUSTOM EQUIPMENT EXPERTISE

Hernon® has earned an outstanding reputation for designing and manufacturing custom application equipment and systems whenever customers have unique manufacturing or assembly needs. Companies across the globe have utilized Hernon's in-house equipment engineering, machining and assembly to custom design application systems and/or integrate new technology into their existing production lines to meet their exact specifications.

ADVANTAGES OF CUSTOM DESIGNED APPLICATION EQUIPMENT:

Custom designed solutions to meet *your* unique production needs in the most efficient way possible.

Gain a competitive edge by producing faster and at a lower cost with less waste.

No need to compromise or manipulate standard equipment to meet application needs when custom equipment is uniquely engineered for the job at hand.

In-house mechanical engineering and production in addition to in-house chemical engineering and production translates to a coordinated and cohesive approach for creating optimal custom application solutions.

Exceptional turnaround time for even large scale custom designed dispensing and/or UV LED curing systems.

Save time and money by retrofitting existing equipment with new and more effective components from Hernon®.

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AUTOBONDER® A100-D

The **Autobonder® A100-D** is a high precision controller capable of handling a wide range of fluids, adhesives and sealants. The A-100D features a (0-100psi) pressure regulator and can deliver controlled beads, accurate dots and/or large volume fillings at the touch of a button.

Part #: 110020194

Features:

- Manual, Timed and Cycle dispense modes
- Easy to read and program digital time, pressure and equipment settings
- Stores up to 40 programs
- Vacuum suck back feature; positive shut off eliminates waste



System Accessories Includes:

- Foot switch & finger switch
- Power supply
- Interconnect tube with universal fitting
- Syringe & syringe adapter
- Syringe stand
- Needle sample kit

»»» AUTOBONDER® A100-D	
Dimensions (W x D x H)	10.24" (260mm) W x 6.29" (160mm) Deep x 2.83" (72mm) H
Weight	3.31 lbs (1.5 kg)
Power Supply	Input 110~230 V (auto)
Max Input & Output Air Pressure	Air Input: 70-100psi (5 - 7 bar) Air Output: 1-70psi (0.1 - 5 bar) 2.78" (70.6mm)
Dispense Time	0.01 - 99.99 seconds
Diagram (Front / Side / Rear)	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>FRONT VIEW</p> </div> <div style="text-align: center;"> <p>TOP VIEW</p> </div> </div> <div style="text-align: center; margin-top: 20px;"> <p>REAR VIEW</p> </div>

A100-D: SYRINGE DISPENSING SYSTEM

Syringe Dispensing System Includes:

- A100-D controller
- Power supply
- Interconnect tubing & connectors
- Foot switch
- Finger switch
- Syringe adapter
- 30cc dispensing syringe (Qty: 2 pcs)
- Needle sample kit
- Syringe stand



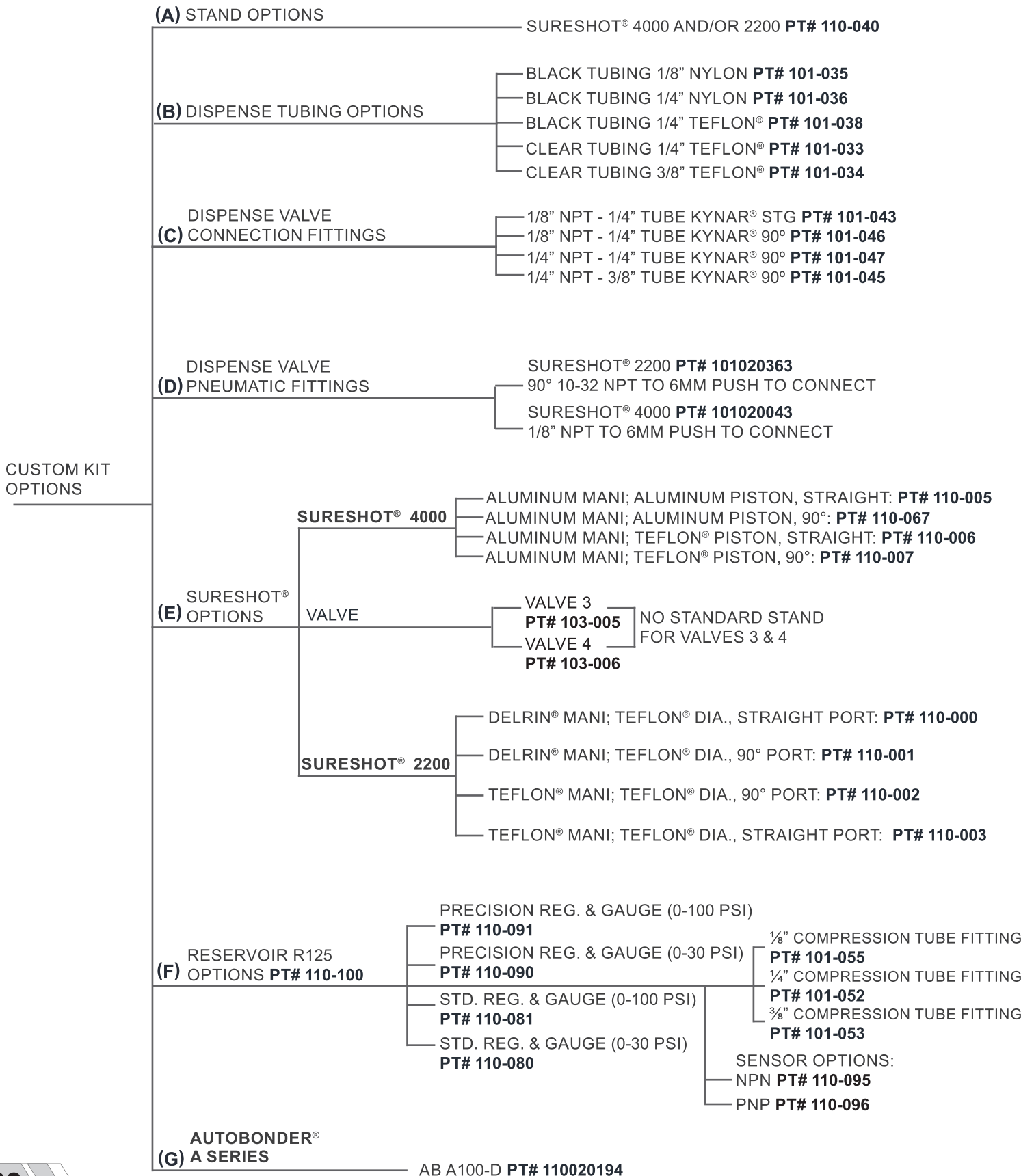
A100-D: RESERVOIR DISPENSING SYSTEM

Reservoir Dispensing System Includes:

- A100-D controller
- Power supply
- Interconnect tubing & connectors
- Foot switch
- Finger switch
- Needle sample kit
- Reservoir (SOLD SEPARATELY)
- Valve (SOLD SEPARATELY)
- Valve stand (SOLD SEPARATELY)



AUTOBONDER® A100-D COMPONENTS REFERENCE GUIDE



AUTOBONDER® 2512

The Autobonder® 2512 is a control unit for applying a wide variety of sealants or adhesives to components along a circular path, using any number of Sureshot® valves depending on the material being dispensed. The machine allows control through an included HMI PLC and can be triggered through manual control with a footswitch and/or PLC start button.

The two spindles, located in the top surface of the machine, are designed to rotate speaker components and apply a bead of adhesive along a desired edge.

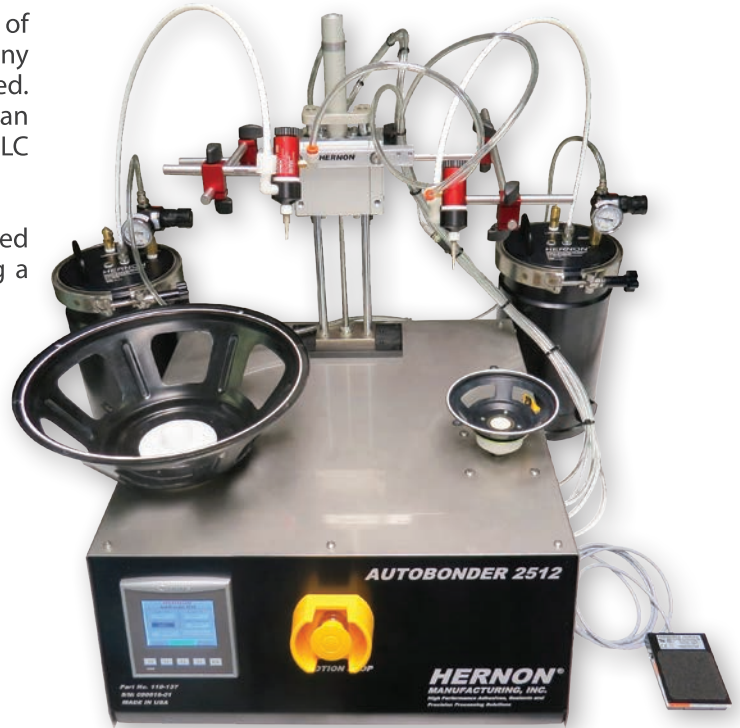
Pt# 110-137

Features:

- Independently operating dual turntables for dispensing
- Consistent application on circular paths
- Multiple timing functions & ranges
- Tooling sold separately

System Includes:

- 2512 control unit
- Two reservoirs
- Two Sureshot® valves (SS2200 or SS4000)
- Foot switch
- Tubing
- Needle kit



»»» AUTOBONDER® 2512	
Dimensions (WxDxH)	20" (508mm) W x 18.7" (474.9mm) Deep x 20.75" (527.1mm) H
Weight	60 lb (28 kg)
Power Requirements	90-220VAC
Internal Power Supply	24V and 48V
Air	Minimum 70psi; Max 100psi; ¼" NPT
Diagram (Front / Side / Rear)	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>FRONT VIEW</p> <p>24.8" (629.9mm)</p> </div> <div style="text-align: center;"> <p>SIDE VIEW</p> <p>8.3" (210.8mm)</p> <p>20" (508mm)</p> </div> <div style="text-align: center;"> <p>OVERHEAD VIEW</p> <p>18.2" (462.3mm)</p> </div> </div>

RAMBO 2010

Hernon's **Rambo 2010** is designed to deliver high viscosity materials such as Gasket Replacer® or Dripstop® at high volume for manual or robotic applications. Utilizing pressures of up to 350 PSI the **Rambo 2010** uses a pneumatic ram to press the material up and out of the reservoir.

Part #: 110020000

Features:

- Adjustable shop air pressure from 0-100 psi
- Dispenses high viscosity materials
- Easy refill with 1,000 ml. Poly-Pak bags
- Adjustable PSI to create dispense pressures up to 350 psi
- Smooth dispensing with a one-way air purge that releases excess gas
- All-in-one system with versatile dispense valve options

System Includes:

- Rambo 2010 Unit

Available Options:

• Dispense Valves

« SS3000

- 110-061: ¼" Piston, AL Body
- 110-062: ⅜" Piston, AL Body
- 110-063: ¼" Piston, SS Body
- 110-064: ⅜" Piston, SS Body

« SS4000

- 110-005: Straight, AL Piston
- 110-006: Straight, Teflon Piston
- 110-007: 90 Degree, Teflon Piston
- 110-067: 90 Degree, AL Piston

• Dispense Lines

- 101020232: 36" braided output hose
- 101020233: 48" braided output hose



RAMBO 2010

Dimensions (WxDxH)	6.66" (169.2mm) W x 7.5" (190.5mm) Deep x 28.16" (715.3mm) H
Weight	55 lb (24.9 kg)
Max Input Air Pressure	100psi
Operating Pressure	75 - 100 psi

Diagram (Front / Side / Rear)	FRONT VIEW	OVERHEAD VIEW	REPLACEMENT PARTS																							
			<table border="1"> <thead> <tr> <th>PART #</th> <th>DESCRIPTION</th> <th>QTY</th> </tr> </thead> <tbody> <tr> <td>105020107</td> <td>Bleeder O-Ring</td> <td>10</td> </tr> <tr> <td>105020011</td> <td>Reservoir Cap O-Ring</td> <td>5</td> </tr> <tr> <td>101020232</td> <td>36" Output Hose</td> <td>1</td> </tr> <tr> <td>101020233</td> <td>48" Output Hose</td> <td>1</td> </tr> <tr> <td>101-088</td> <td>Tubing, Clippard Blue ¼"</td> <td>6'</td> </tr> <tr> <td>114020143</td> <td>¾" - 11 SS Flange Nut</td> <td>1</td> </tr> <tr> <td>38732</td> <td>Hernon Green Flushing Compound</td> <td>2</td> </tr> </tbody> </table>	PART #	DESCRIPTION	QTY	105020107	Bleeder O-Ring	10	105020011	Reservoir Cap O-Ring	5	101020232	36" Output Hose	1	101020233	48" Output Hose	1	101-088	Tubing, Clippard Blue ¼"	6'	114020143	¾" - 11 SS Flange Nut	1	38732	Hernon Green Flushing Compound
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38732	Hernon Green Flushing Compound	2																								

AUTOSEALER® 2600

The **Autosealer® 2600** dispensing system is a portable, touch-activated, all-pneumatic applicator for dispensing high-viscosity HERNON® products onto threaded pipe fittings and nipples. A quick-turn turret offers cavities for 1/16", 1/8", 1/4", 3/8", 1/2", 3/4" and 1" male pipe threads. Once manually actuated, the piston pump expresses a metered amount of material. When the fitting is removed, the pump resets, ready for another cycle. The **Autosealer® 2600** can be fed directly from a 50ml or 250ml tube or an optional 850 ml cartridge.

Autosealer® 2600 Pt# 110020191

Features:

- Applies thread sealants behind leading threads
- Adjustable turret to match fitting sizes from 1/16" to 1"
- Pneumatic, touch activated dispense cycle
- Dispenses 50ml, 250ml tubes and from 850ml cartridges
- Volume knob adjustment



»»» AUTOSEALER® 2600	
Dimensions (WxHxD)	13.4"(340.36 mm) W x 6.2" (157.48 mm) Deep x 4.6" (116.84 mm) H
Weight	9 lbs (4.08 kg)
Input & Operating Pressures	
Diagram	

AUTOSEALER® 2650

The Autosealer® 2650 is a control unit for applying sealant to pipe thread nipples, using either the Sureshot® 2200 or 4000 dispensing valves. The Autosealer® 2650 can be triggered manually with a footswitch and/or PLC/HMI color touchscreen button.

Part Numbers:

- **110020160:** SS4000 & 850ml Canister w/ 0-100 PSI Regulator
 - **110020165:** SS2200 & R125 w/ 0-30 PSI Regulator
 - **110020166:** SS2200 & R125 w/ 0-100 PSI Regulator
 - **110020167:** SS4000 & R125 w/ 0-30 PSI Regulator
 - **110020168*:** SS4000 & R125 w/ 0-100 PSI Regulator
- (*Most commonly used)

Features:

- Produce more parts in less time
- Adaptable for different fluid viscosities
- Seals threaded pipe sizes 1/8" to 2"
- Improve product quality with precision dispensing

System Includes:

- 2650 control unit
- Tooling sold separately
- Sureshot® valve (SS2200 or SS4000)
- Foot switch
- Tubing



»»» AUTOSEALER® 2650			
Dimensions (WxDxH)	16.5" (419.4mm) W x 14.38" (365.25mm) D x 14.3" (363.2mm) H		
Weight	40 lb (18.14 kg)		
Power	110 or 220 VAC (This system is auto switching)		
Internal Power Supply	24V		
Air Power Requirements (Dry filtered air)	Min = 70psi; Max = 100psi. 1/4" NPT		
Cooling	Filtered, Dual-Fan arrangement		
Supply Options	R125 1 Gal. Pressure Reservoir (Pt# 110-100)	R200 10 Gal. Pressure Reservoir (Pt#110-102)	850ml Cartridge Retainer (Pt# 110-056)
Dispensing Valve Options	Sureshot® 2200 (low to medium viscosity fluids): 4 options		Sureshot® 4000 (medium to high viscosity fluids): 4 options
Diagram (Front, Bottom)	<p>FRONT VIEW</p>	<p>OVERHEAD VIEW</p>	

ROTOCOATER® 500; ROTOCOATER® 750

Rotocoater® 500

Designed to apply materials to recessed openings, the **RotoCoater®** evenly coats the inner surface of bores and other interior spaces. The unit can apply a controlled bead as well. The customizable dispenser can be used as part of a stock dispensing system for specific applications or part of turnkey dispensing solutions for multiple bores.

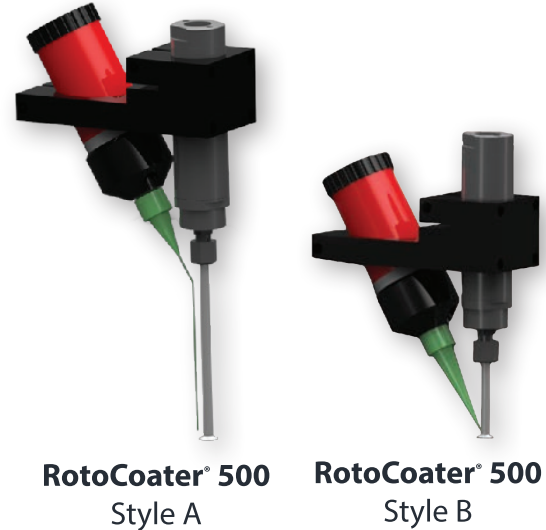
The **RotoCoater® 500** uses a small, precision air motor to spin a dispersion cup which is inserted into a recess. The Sureshot® 2200 valve then delivers a metered amount of material to the cup that evenly coats the inner surface recess.

Features & Specs:

- Weight (approximate): 8.37oz (237.3 grams)
- Motor air pressure (max): 100psi
- Sureshot® dispensing valve (max) 70psi
- Spinner diameter from .250" to .500"
- Tip length: 2.013" to 3.325" (based on style)
- Dispensing microtip or needle (A: 14-24 gauge; B: 14-23 gauge)

System Includes:

- Air motor • 1/8" dia. spindle collet • Sureshot® dispensing valve • Dispersion cup • Motor mounting bracket • Needle Kit



Rotocoater® 750

The **RotoCoater® 750** uses a bigger and more powerful air motor than the 500 to spin a larger dispersion cup which is inserted into a recessed area. The attached Sureshot® valve then delivers a metered amount of material to the cup that evenly coats the inner surface of the bore. The dispersion cup prevents overspray and applies a uniform layer of material.

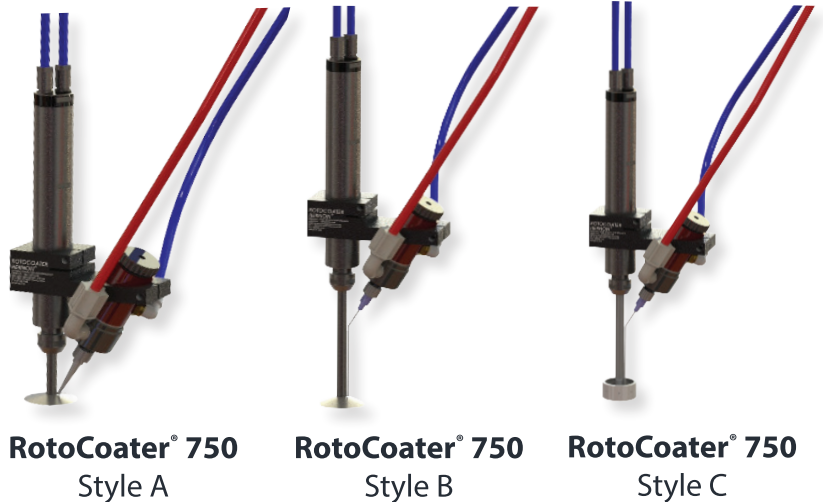
The **RotoCoater®** can be used with a wide-range of adhesives, sealants, oil or just about any liquid material. Each **RotoCoater® 750** is customized for each application. Complete systems can be designed that apply materials to multiple bores in one cycle simultaneously.

Features & Specs:

- Weight (approximate): 8.37oz (237.3 grams)
- Motor air pressure (max): 100psi
- Sureshot® dispensing valve (max) 70psi
- Spinner diameter from .750" to 2.0"
- Cup diameter from .310" to 2.0"
- Tip length: 3.010" to 5.010" (based on style)
- Dispensing microtip or needle (A: 14-24 gauge)

System Includes:

- Air motor • 1/4" dia. spindle collet • Sureshot® dispensing valve • Dispersion cup • Motor mounting bracket • Needle Kit



AUTOBONDER® DESKTOP SERIES

AUTOBONDER® 3X

Features:

Dots, lines, arcs, etc. and 3D dispensing paths available.

100 programs, 4000 points per program.

A hand-held teach pendant is provided for simple and intuitive programming functions.

Apply adhesives, cyanoacrylates, silicone, RTV, anaerobic resins, epoxies, UV cure formulations and many other liquids.

Windows SRE software is available for CAD file input (optional).

Model (Part #)	AB-3X200 (#10020256)	AB-3X300 (#110020257)	AB-3X400 (#110020258)	AB-3X500 (110020259)
Working Area X/Y/Z (mm)	200/200/50	300/300/100	400/400/100	500/500/100
Load Table Y-Axis / Z-Axis	5kg / 3kg	10kg / 5kg		
Maximum Speed XY / Z (mm/sec)	0.1 ~ 500 / 300	0.1 ~ 600 / 300		
Resolution	0.001 mm / Axis			
Repeatability	+/- 0.01 mm / Axis			
Data Memory Capacity	100 Programs, 4000 Points / Program			
Display	TFT			
Drive System / Stepping Motor	Micro Stepping Motor			
Motion Control	PTP & CP			
Linear / Circular Interpolation	3 Axis			
Teaching Method	Teach Pendant			
I/O Signals	8 Inputs / 8 Outputs			
Power Supply	100 ~ 230 VAC, 200W	100 ~ 230 VAC, 320W		
Working Temperature	0 - 40°C			
Relative Humidity (no condensation)	20 - 90% (no condensation)			
Dimensions (WxDxH mm)	382 x 374 x 485	482 x 499 x 593	585 x 599 x 597	685 x 698 x 593
Body Weight	23kg	30kg	40kg	45kg



AUTOBONDER® 3X-S (SCREW DISPENSING)

Features:

X/Y/Z axis ball screw increases robot stability & repeatability

Servo motor driven, accurate movement.

Dots, lines, arcs and 3D dispensing paths available.

A handheld teach pendant is provided for simple and intuitive programming functions.

Windows SRE software is available for CAD file input (optional).

Model (Part #)	AB-3X320S (#110020261)	AB-3X420S (#110020262)
Working Area X / Y / Z (mm)	320 / 350 / 100	420 / 350 / 100
Load Table Y-Axis / Z-Axis	10kg / 5kg	
Maximum Speed XY / Z (mm/sec)	0.1 ~ 600 / 300	
Resolution	0.001 mm / Axis	
Repeatability	+/- 0.01 mm / Axis	
Data Memory Capacity	4000 steps per program; unlimited programs	
Display	TFT	
Drive System / Stepping Motor	DC servo motor	
Motion Control	PTP & CP	
Linear / Circular Interpolation	3 Axis	
Teaching Method	Teach Pendant	
I/O Signals	8 Inputs / 8 Outputs	
Power Supply	100 ~ 230 VAC, 320W	
Working Temperature	0 - 40°C	
Relative Humidity (no condensation)	20 - 90% (no condensation)	
Dimensions (WxDxH mm)	482 x 499 x 593	585 x 599 x 597
Robot Weight	30kg	40kg

View of Screw



AUTOBONDER® DESKTOP SERIES (cont'd)

AUTOBONDER® 4X SERIES (4 AXIS DISPENSING)

Features:

Can be used as a stand-alone machine without an external computer.
 Points, lines, arcs and other 3D dispensing paths.
 Perfect dispensing with repeatability of 0.02mm.
 100 sets of programs, each with 4000 lines of memory space.
 Graphical teaching box, easy to learn and easy to operate.
 Suitable for all kinds of adhesives: UV, silicones, epoxies, cyanoacrylates, heat-dissipating and more.
 SRE software on PC can be purchased for CAD input.

Model (Part #)	AB-4X300 (#110020263)	AB-4X400 (#110020264)	AB-4X500 (#110020265)
Working Area X/Y/Z (mm)	300/300/100/360°	400/400/100/360°	500/500/100/360°
Maximum Load Y-Axis / Z-Axis	6kg / 2kg		
Maximum Speed XY / Z (mm/sec)	0.1 ~ 500/300		
Repeatability	+/- 0.02 mm / Axis		
Data Memory Capacity	100 Programs, 4000 Points / Program		
Display	TFT LCD		
Drive System / Stepping Motor	Micro Stepping Precision Motor		
Motion Control	PTP & CP		
Linear / Circular Interpolation	4 Axis		
Teaching Method	Teach Box		
I/O Signals	8 Inputs / 8 Outputs		
Power Supply	Full voltage AC110 ~ 220V / 300W		
Working Temperature	0 - 40°C		
Working Environment Humidity (no condensation)	20 - 90% (no condensation)		
Dimensions (WxDxH mm)	485 x 505 x 797	585 x 605 x 797	685 x 698 x 797
Body Weight	37kg	47kg	55kg



AUTOBONDER® 3X5002Y SERIES (3 AXIS, 2Y)

Features:

2Y axis can be set to different dispensing paths.
 X/Y/Z axis ball screw increases stability and repeatability.
 A handheld teaching pendant is provided for simple & intuitive programming functions.
 Dispensing area 500 x 500 x 500 x 100mm.
 Dots, lines, arcs, etc. and 3D dispensing paths available.
 Apply adhesives, cyanoacrylates, silicone, RTV, anaerobic resins, epoxies, UV curable formulas and many more fluids.
 SRE software on PC can be purchased for CAD input.

Model (Part #)	AB-3X5002Y (#110020260)
Working Area X / Y1 / Y2 / Z (mm)	500 / 500 / 500 / 100
Maximum Load Y-Axis / Z-Axis	5kg / 3kg
Maximum Speed XY / Z (mm/sec)	0.1 ~ 600/300
Resolution	0.001 mm / Axis
Repeatability	+/- 0.01 mm / Axis
Data Memory Capacity	100 Programs, 4000 Points / Program
Display	TFT
Drive System / Stepping Motor	Micro Stepping Motor
Motion Control	PTP & CP
Linear / Circular Interpolation	3 Axis / 2Y
Teaching Method	Teach Pendant
I/O Signals	8 Inputs / 8 Outputs
Power Supply	100 ~ 230VAC, 320W
Working Temperature	0 - 40°C
Relative Humidity (no condensation)	20 - 90% (no condensation)
Dimensions (WxDxH mm)	685 x 715 x 670
Body Weight	70kg



AUTOBONDER® GANTRY 600

The **Autobonder® Gantry 600** is a robotic dispensing system that can be easily integrated with in-line industrial automation processes. All axes are above the work area making them ideal for large dispensing applications.

Features:

- AC servo motors with ball screw design
- Available in 3 or 4 axis models
- Repeatability of 0.01mm
- High rigid frame structure
- Open access design for in-line operation
- Dots, lines, arcs and 3D dispensing paths available
- Hand-held teach pendant is included for simple and intuitive programming functions.
- Ideal for dispensing adhesives, cyanoacrylates, silicones, RTV, anaerobic resins, epoxies, UV curable materials and much more



»» AUTOBONDER® GANTRY 600	
Dimensions: Inches (mm)	47.2" x 43.3" x 25.6" (1200 x 1100 x 650mm)
Working Range (X/Y/Z) Inches (mm)	23.6" / 23.6" / 7.87" (600 / 600 / 200mm)
Load Z-Axis: Pounds (Kg)	22.04 lbs (10kg)
X & Y / Z (mm/sec)	0.1 ~ 500 / 500
Resolution	0.01mm / Axis
Repetitive Positioning Accuracy	± 0.01mm / Axis
Program Capacity	100 Programs, 4000 points each
Program Display	Teach Pendant LCD
Motor System	X/Y/Z Axis AC Servo Motor
Driver System	X/Y/Z Axis Ball Screw
Control Method	PTP & CP
Interpolation Function	3 Axis (3D Path)
Programming Method	Teach Pendant
I/O Signals Port	8 Inputs / 8 Outputs
External Control Interface	RS232
Power Supply	Input VAC 220V; 600W
Working Temperature F° (C°)	32° - 104°F (0 - 40°C)
Working Relative Humidity	20-90% No Condensation
Robot Weight: Pounds (Kg)	176.3 lbs (80Kg)

PROGRESSIVE CAVITY PUMPS (PCP's)

Progressive Cavity Pumps are compact and innovative one-component dispensers that deliver excellent accuracy while dispensing of difficult materials. Because there is a perfect sealed space between the rotor and stator, PCP's can maintain a higher degree of vacuum compared to a gear pump, allowing for excellent material suction capability. This non-pulsation design maintains a very consistent flow rate.

Features:

- Innovative technology allows for easy dispensing of material with a high degree of filler
- Can work without any valves
- The conveyance of material can be reversed
- Multiple sizes/models available

Item	Model	PCP-005	PCP-015	PCP-050	PCP-150	PCP-500
Dimensions (WxHxD)		1.06" (27mm) x 1.06" (27mm) x 9.05" (230mm)			1.14" (29mm) x 1.14" (29mm) x 11.02" (280mm)	
Weight		14.1 oz (400g)			22.9 oz (650g)	
Input Pressure		0 ~ 0.6MPa				
Max Dosing Pressure		3.0MPa	2.0MPa			1.0MPa
Viscosity		1~ 1,000,000 cPs				
Dosing Volume/Rev		≈ 0.0049 ml	≈ 0.017 ml	≈ 0.049 ml	≈ 0.17 ml	≈ 0.45 ml
Motor Speed		1 ~ 120rpm				
Dosing Accuracy		± 1%				
Material of Stator		PF, F, EP, UPE, EPPF, EPUPE, FPF, FUPE, TPE, EPA				
Material Inlet Port		Inlet Adapter or Tap Type(BSPT 1/4)				
Material Outlet Port		LUER LOCK or BSPT 1/8				
Controller		PROCON-100				



PCP-150

Item	Model	PCP-1000	PCP-1500	PCP-2000	PCP-5000	PCP-15000
Dimensions (WxHxD)		1.14" (29mm) x 1.14" (29mm) x 12.3" (312mm)	1.77" (45mm) x 1.77" (45mm) x 16.9" (430mm)	2.36" (60mm) x 2.36" (60mm) x 22.8" (580mm)		2.76" (70mm) x 2.76" (70mm) x 28.7" (730mm)
Weight		24.7oz (700g)	5.5lbs (2.5kg)	11 lbs (5.0kg)		17.6 lbs (8.0kg)
Input Pressure		0 ~ 0.6MPa				
Max Dosing Pressure		1.2MPa	2.0MPa	2.5MPa	2.0MPa	
Viscosity		1~ 1,000,000 cPs				
Dosing Volume/Rev		≈1.1 ml	≈1.8 ml	≈2.2 ml	≈5.5 ml	≈15.5 ml
Motor Speed		1 ~ 120rpm	1 ~ 150rpm			
Dosing Accuracy		± 1%				
Material of Stator		PF, F, EP, UPE, EPPF, EPUPE, FPF, FUPE, TPE, EPA				
Material Inlet Port		Inlet Adapter or BSPT 1/4	Inlet Adapter or BSPT 1/2	BSPT 1/2		BSPT 3/4
Material Outlet Port		LUER LOCK or BSPT 1/4	LUER LOCK or BSPT 3/8	BSPT 1/2		BSPT 3/4
Controller		PROCON-100	PROCON-1000			

SURESHOT® 2200

Sureshot® 2200 dispensing valves accurately controls the application of most low to medium viscosity fluids. The unique sealless design incorporates an inert polymer diaphragm that isolates the actuator from the valve. Valve open time can be as short as 15 milliseconds. The adjustable open/close stroke 0.025 to 0.76mm (0.001" to 0.030") means very fast response and positive shutoff. Sureshot® 2200 dispensing valves are used for dispensing adhesives, sealants, ultraviolet curing polymers, anaerobics, cyanoacrylates, lubricants, etc. An ultraviolet light blocking Delrin® valve manifold with optional UV kit # 110-030 on the Sureshot® 2200 provides consistent trouble free dispensing of U.V. curing polymers.

Standard Assembled Models:

- 110-001 - Delrin® manifold / Teflon® diaphragm, 90° dispense port
- 110-002 - Teflon® manifold / Teflon® diaphragm, 90° dispense port
- 110-000 - Delrin® manifold / Teflon® diaphragm, straight dispense port
- 110-003 - Teflon® manifold / Teflon® diaphragm, straight dispense port

Features & Specs:

- Compact weight and size
- Adjustable fluid flow control
- Positive shutoff, no seals
- Easy cleaning
- FDA-Compliant wetted parts
- Cycle rate exceeds 500/minute

Optional Sidekick Actuator:

- 110020121 - Sidekick: A simple valve actuator designed to be used with SS2200 valves to provide fast actuation speed and small shot size with better consistency/repeatability.



»» SURESHOT® 2200	
Dimensions	2.63" (66.8mm) L x 1.06" (27mm) ø
Weight	2.68oz (76 grams)
Air Input	70psi
Fluid Pressure	70 psi
Diagram / Dimensions	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Stroke adjustment</p> <p>Piston spring</p> <p>Air cylinder body</p> <p>Piston</p> <p>Mounting hole 10-32 UNF</p> <p>Diaphragm</p> <p>Fluid body</p> <p>Tip adapter</p> <p>Disposable dispense tip</p> <p>"Actuating air" input 10-32</p> <p>Fluid inlet 1/8" NPT</p> </div> <div style="width: 45%;"> <p>Flow Metering Knob: Each step equals .001" diaphragm opening .03" maximum stroke.</p> <p>E</p> <p>2.63"</p> <p>1.190"</p> <p>1.487"</p> <p>B</p> <p>A</p> <p>C</p> <p>D</p> <p>A PORT = 10-32 valve actuation air input 70 PSI min. 130 PSI max. valve logic normally closed</p> <p>B PORT = 0.38" dia x 1/32 dp. c'bore 1032/5m.. post/v/mount.</p> <p>C PORT = 1/8" NPT fluid input normally closed - 70 PSI max.</p> <p>D PORT = 1/4"-28 dispense output</p> <p>E PORT = 10-32 optional post mount (must be vented)</p> </div> </div>

SURESHOT® 3000

The Sureshot® 3000 dispensing valve accurately controls the application of low and medium viscosity fluids. With multiple models to choose from, the ceramic polymer wetted piston/liner is used for dispensing solvents, cyanoacrylates, anaerobics and fluxes under 100 PSI. With positive shutoff and no seals, this valve can be relied on to support extended manufacturing runs without leaking or breaking down. Tip selection is critical to achieving optimum valve performance. The Sureshot® 3000 valve supports a Luer Lock adapter and a kit with multiple sizes of dispensing tips to help identify the best match for any specific application.

Standard Assembled Models:

- 110-061 - Aluminum pump body piston 0.250
- 110-062 - Aluminum pump body piston 0.375 (See Fig. 2)
- 110-063 - Stainless steel pump body piston 0.25
- 110-064 - Stainless steel pump body piston 0.375 (See Fig. 1)

Optional Models For Smaller Spaces:

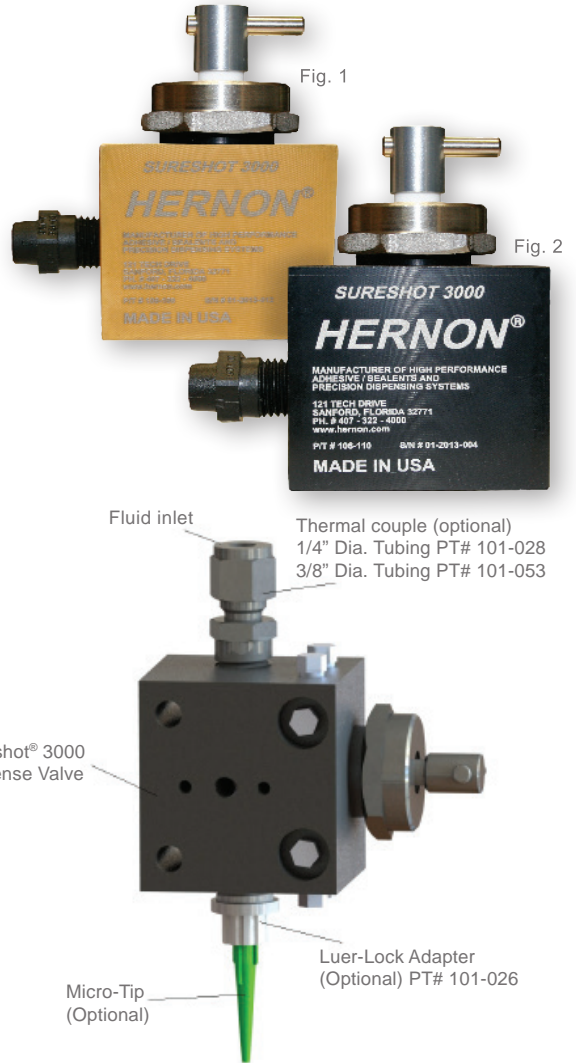
- 110-127 - 3/8" aluminum piston (thin) body
- 110-123 - 3/8" stainless steel piston (thin) body

Features & Specs:

- Compact design
- Easy mounting
- Precision volumetric dispensing
- Quick and easy maintenance
- Diverse chemical compatibility
- Robust construction

Dispense Tips:

Tip selection is critical to achieve optimum valve performance. SS3000 series valves offer the option of a Luer-lock adapter and one dispensing tip kit for the fluid control. The kit (PT# 110-033) includes smooth-flow tapered micro-tips in sizes from 14 to 25 gauge, and precision stainless steel tips in sizes from 14 to 30 gauge.



»» SURESHOT® 3000	
Dimensions	2.0" (50.8mm) W x 1.75" H (44.45mm) x 2.46" (62.53mm) L
Weight	Stainless Steel Body: 23.2 oz (657.7 grams); Aluminum Body: 11.6 oz (328.9 grams)
Piston Sizes	1/4" or 3/8"
Diagram / Dimensions	

SURESHOT® 3510

The Sureshot® 3510 semi-automatic dispensing valve accurately controls non-contact dispensing of low viscosity fluids and is the primary choice for precision dispensing of HERNON® ammunition sealants. The Sureshot® 3510 has a user friendly design allowing easy replacement of clogged or damaged tips. When properly maintained, the Sureshot® 3510 has proven to be extremely durable and reliable in high-volume, demanding, 24/7 production environments.

Part Number:

- Sureshot® 3510: 110020049

Spare Part Numbers:

- Needle: 105020367
- Needle Guard: 106021620



Close up of needle housing



Features:

- Compact weight and size
- Adjustable fluid flow control
- Positive shutoff, no seals
- Easy cleaning & repairs
- Non-contact "jet" dispensing
- Cycle rate > 500/minute

»» SURESHOT® 3510	
Dimensions	1.405" (35.68 mm) L x 0.25" (6.35 mm) W x 1.8" (45.72 mm)
Weight	1.44 oz (41 grams)
Orifice	0.01" included (other orifice sizes available)
Max Air Dispense Pressure	100 psi
Fluid Pressure	Up to 500 psi
Diagram / Dimensions	<p>Technical drawing showing front and side views of the Sureshot® 3510 valve. Dimensions are provided in inches and millimeters.</p> <p>Front View Dimensions:</p> <ul style="list-style-type: none"> Total length: 1.8" (45.72 mm) Distance from top to center of orifice: .88" (22.35 mm) Distance from top to center of needle housing: .25" (6.35 mm) Distance from top to bottom of needle housing: .2" (5.08 mm) Distance from bottom of needle housing to tip of needle: .25" (6.35 mm) Distance from bottom of needle housing to tip of needle guard: .06" (1.52 mm) Bottom hole specification: 2x Ø.09 Thru All, 4-40 UNC Thru All <p>Side View Dimensions:</p> <ul style="list-style-type: none"> Total height: 1.13" (28.70 mm) Distance from top to center of orifice: 0.13" (3.30 mm) Top hole specification: 2x ø.09 ±.004, 4-40 UNC ±.024

SURESHOT® 4000

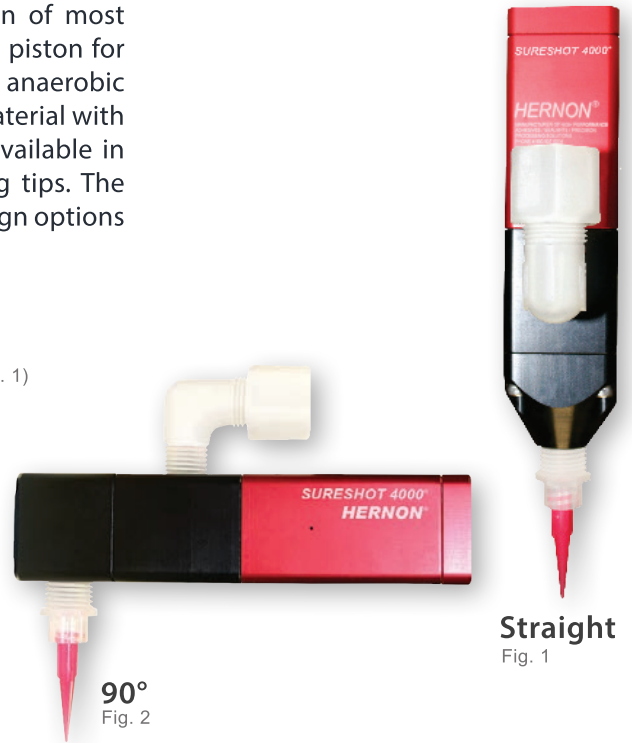
The Sureshot® 4000 dispensing valve accurately controls the application of most medium to high viscosity fluids. The Sureshot® 4000 utilizes an aluminum piston for high pressure dispensing with a maximum of 500 PSI. (A Teflon® piston for anaerobic gasket replacers is also available.) This system ensures minimal waste of material with a positive shutoff and snuff back stop response. The Sureshot® 4000 is available in either straight or 90° models and utilize Hernon's disposable dispensing tips. The compact size and low weight allows for greater placement and system design options when compared to heavier and more bulky valve systems.

Standard Assembled Models:

- 110-005 - Aluminum manifold / aluminum piston, straight port (See Fig. 1)
- 110-067 - Aluminum manifold / aluminum piston, 90° port (See Fig. 2)
- 110-006 - Aluminum manifold / Teflon® piston, straight port
- 110-007 - Aluminum manifold / Teflon® piston, 90° port

Features & Specs:

- Compact weight and size
- Low maintenance design
- Easy cleaning
- Positive shutoff
- Snuff back



Straight
Fig. 1

90°
Fig. 2

»» SURESHOT® 4000	
Dimensions	4.875" (123.8 mm) L x 1.187" (30.2 mm) W x 1.187" (30.2 mm) D
Weight	9.59 oz (272 grams)
Fluid Pressure	Up to 500 psi
Diagram / Dimensions	<p style="text-align: center;">Ports:</p> <p>A: ¼" NPT Fluid/Adhesive Input 1000 PSI Max</p> <p>B: ⅛" NPT Mounting Only</p> <p>C: ¼" NPT Needle Dispensing Output</p> <p>D: ⅛" NPT Air Input Valve Initiation 70-100 PSI</p>

ULTRACURE® 6

The Ultracure® 6 is a high output UV LED curing light designed to quickly and completely cure UV adhesives and sealants. This curing light has built in power regulation, high temperature protection and is fan cooled to ensure consistent long term operation while outputting a maximum intensity UV light. The Ultracure® 6 can be installed alone or in a series to produce a UV light bath across manufacturing conveyor belts.



Pt# 107-022

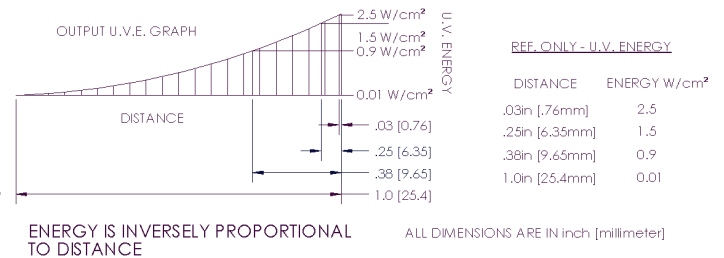
Features & Specs:

- Ultraviolet energy (UVE) cure
- Built in power regulation and overheat protection
- Green indicator light shows system is working properly
- Red indicator light indicates fault conditions
- Cooling fan
- I/O Port 5 pin CPD

Mounting:

The Ultracure® 6 has two mounting options. 4 x M3 x 0.5 on the electrical connector end and 4 x M2 x 0.4 on the bottom of the device.

ULTRA VIOLET ENERGY (U.V.E.) GRAPH



»»» ULTRACURE® 6	
Dimensions (W x H x D)	6" (152.4mm) W x 2" (50.8mm) D x 1.5" (38.1mm) H
Weight	0.55 lbs (0.25 kg)
Power Requirements	24 VDC, 700mA
UV Output	2.5 / W cm ² (max) @ 365nm
Diagram & Mounting Options	<p>BACK MOUNTING DIAGRAM:</p> <p>BOTTOM MOUNTING DIAGRAM:</p>

ULTRACURE® 7

The Ultracure® 7 is a high output UV LED curing light with no intensity degradation over the LED lifecycle. Liquid cooled and intrinsically safe, the Ultracure® 7 boasts an impressive 17,000+ hours of useful life (or almost six years running eight hours a day). The Ultracure® 7 requires no replacement lamps or filters and can provide consistent high intensity UV light instantly with no warm up time required.

Water and dust proof to IP65 standards, the Ultracure® 7 is suited for a wide variety of manufacturing environments. This compact size ensures that positioning will not be a problem and multiple curing systems can be installed in tandem or stacked to get the desired effect.



Pt# 107-028

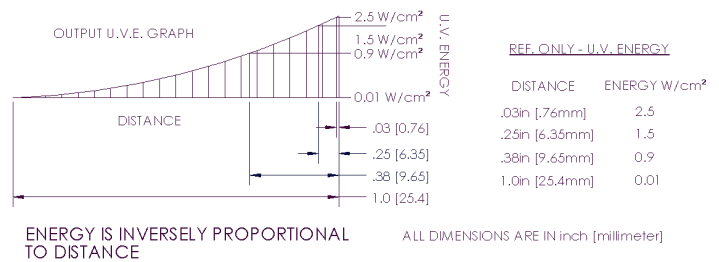
Features & Specs:

- Built in power regulation and overheat protection
- Green indicator light shows system is working properly
- Red indicator light indicates fault conditions
- 90° connector cable available

Mounting:

- 4 x M4 x 0.7 on electrical connector end
- 2 x M4 x 0.7 on both sides of the device

ULTRA VIOLET ENERGY (U.V.E.) GRAPH



»»»

ULTRACURE® 7

Dimensions (WxHxD)	2.1" (53.3mm) W x 1.25" (31.8mm) D x 1.5" (38.1mm) H
Power Requirements	24 VDC, 700mA
UV Output	2.5 / W cm ² (max) @ 365nm
Diagram & Mounting Options	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>BACK VIEW:</p> </div> <div style="text-align: center;"> <p>LEFT SIDE VIEW:</p> </div> </div> <div style="text-align: center; margin-top: 20px;"> <p>BOTTOM VIEW:</p> </div>

ULTRACURE® 8

The Ultracure® 8 is a high output UV LED curing lamp designed to quickly and completely cure UV adhesives and sealants. This curing light has built-in power regulation, over temperature protection and is liquid cooled to ensure consistent long term operation while outputting a maximum intensity UV light. The Ultracure® 8 includes a focused lens that concentrates the ultraviolet light to provide an extended curing range of 3x the standard distance of an Ultracure® 6 while maintaining the light intensity needed to produce a curing reaction. The Ultracure® 8 can be installed alone or in a series to produce a UV light bath for UV curing applications.

Pt# 107-033

Features & Specs:

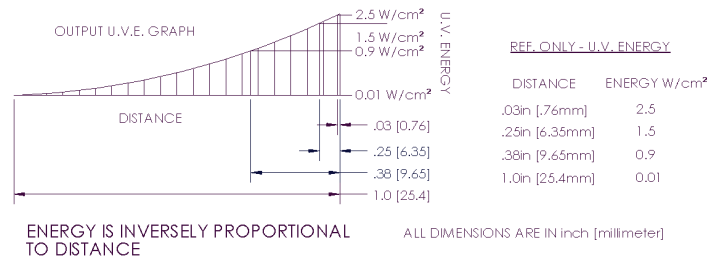
- Ultraviolet energy (UVE) cure
- Built in power regulation and overheat protection
- Green/red light status indicator system
- Liquid cooled
- I/O Port 5 pin CPD

Mounting:

The Ultracure® 8 has three mounting options. 4 x M4 x 0.7 on electrical connector end and 2 x M4 x 0.7 on each side of device.



ULTRA VIOLET ENERGY (U.V.E.) GRAPH



»»

ULTRACURE® 8

Dimensions (W x H x D)	2.275" (57.79mm) W x 1.25" (31.75mm) D x 1.86" (47.2mm) H
Power Requirements	24 VDC, 700mA
UV Output	2.5 / W cm ² (max) @ 365nm
Diagram & Mounting Options	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>BACK MOUNTING DIAGRAM:</p> </div> <div style="width: 45%;"> <p>SIDE MOUNTING DIAGRAM:</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p>TOP MOUNTING DIAGRAM:</p> </div> <div style="width: 45%;"> <p>BOTTOM MOUNTING DIAGRAM:</p> </div> </div>

ULTRACURE® 9

The Ultracure® 9 is a high output UV LED curing lamp designed to quickly and completely cure UV adhesives and sealants. This curing light has built-in power regulation, over temperature protection and is air cooled to ensure consistent long term operation while outputting a maximum intensity UV light. The Ultracure® 9 includes a focused lens that concentrates the ultraviolet light to provide an extended curing range of 3x the standard distance of an Ultracure® 6 while maintaining the light intensity needed to produce a curing reaction. The Ultracure® 9 can be installed alone or in a series to produce a UV light bath for UV curing applications.



Pt# 107-034

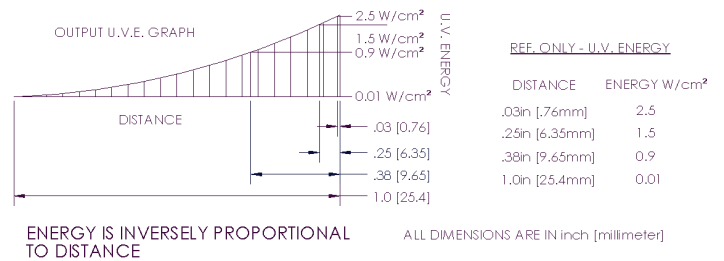
Features & Specs:

- Ultraviolet energy (UVE) cure
- Built in power regulation and overheat protection
- Green/red light status indicator system
- Cooling fan
- I/O Port 5 pin CPD

Mounting:

The Ultracure® 9 has two mounting options. 4 x M3 x 0.5 on electrical connector end and 4 x M2 x 0.4 on the bottom of the device.

ULTRA VIOLET ENERGY (U.V.E.) GRAPH



»»

ULTRACURE® 9

Dimensions (WxHxD)	2" W x 1.3" Deep x 6.2" H	
Power Requirements	24 VDC, 700mA	
UV Output	2.5 / W cm ² (max) @ 365nm	
Diagram & Mounting Options	<p>SIDE MOUNTING DIAGRAM:</p>	<p>REAR MOUNTING DIAGRAM:</p>
	<p>TOP MOUNTING DIAGRAM:</p>	

ULTRASPOT® 1000

The Ultraspot® 1000 is a high intensity, UV spot lamp which emits UV light from an optics wand and is used for the curing of adhesives, coatings and potting materials. The optics wand can be hand-held for complete mobility, clamped into position for repetitive operations or used in automated equipment.

Pt# 110-004

Features & Specs:

- 200 Watt, 300 WPI mercury UV cure lamp
- 256V, 50/60hz, 4 amp, one phase remote power supply
- Multi-modal: manual and timed modes
- Internal cooling fan
- Optional 5mm or 8mm wands (not included)

System Includes:

- Ultraspot® 1000 control box
- UV safety glasses
- Footswitch
- Power cord



»»» ULTRASPOT 1000	
Dimensions (WxHxD)	12.375" (314mm) W x 7.625" (193.7mm) H x 13" (330.2mm) D
Weight	13.5 lbs
Power	90-265 VAC, 47-63Hz
Diagram Dimensions	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>FRONT:</p> </div> <div style="text-align: center;"> <p>SIDE:</p> </div> </div>

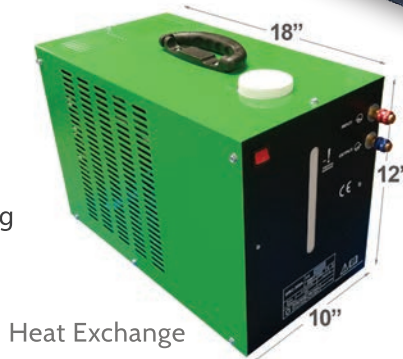
ULTRACURE® 1100

The Ultracure® 1100 is a benchtop, high output UV LED curing conveyor designed to quickly and completely cure UV adhesives and sealants.

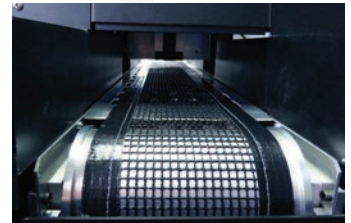
Pt# 110020070

Features:

- Benchtop conveyor UV curing unit
- Variable intensity control
- Color touchscreen control
- Conveyor belt direction reversible
- Easily adjustable UV LED intensity focus
- Specially designed Teflon® coated Kevlar® belt
- Integrated heat exchanger for UV LED units
- Integrated exhaust blower/filter assists with cooling
- Heavy duty all aluminum construction



Heat Exchange



End View Of Conveyor

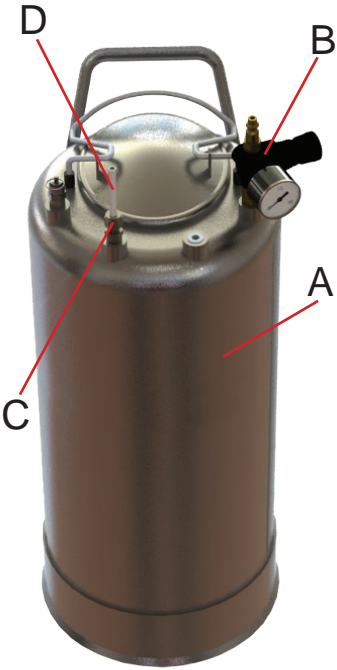
»»» ULTRACURE® 1100	
Dimensions: Machine	54" (1371.6mm) W x 21" (533.4mm) H x 20" (508mm) D
Dimensions: Conveyor	8" (203.2mm) W x 3" (76.2mm) H x 41" (1041.4) L
Weight	117 lbs
Power	100-240 VAC, 50/60 Hz
Conveyor Speed Range	0.1" to 2.6" / second
Max Load Weight	30 lbs
UV Curing Window Area	6" (152.4mm) W x 3" (76.2mm) H x 6" (152.4mm) L
Diagram Dimensions	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>FRONT:</p> </div> <div style="text-align: center;"> <p>SIDE:</p> </div> </div>

RESERVOIRS

Heron® has designed and offers an array of reservoirs which come in a variety of sizes and with many dispensing tube fitting options to choose from. These durable reservoirs are ideal for adhesive, sealant, solvent or lubricant dispensing systems. They are uniquely and efficiently shaped to allow for consistent and smooth dispensing, quick changes/refills and are very easy to use.

Model:	R100	R125	R175	R185	R200
Part Number	106021872	110-100	110-045	110-109	110-102
Internal Dimensions	3.59" (91 mm) I.D. x 8.125" (206 mm) H	5.75" (146 mm) I.D. x 10" (254 mm) H	9" (228.6 mm) I.D. x 12" (304.8 mm) H	9" (228.6 mm) I.D. x 20.3" (515.6 mm) H	14" (355.6 mm) I.D. x 19.3" (490.2 mm) H
Internal Volume	0.35 Gallon (1.32 Liters)	1 Gallon (3.8 Liters)	3 Gallons (11.36 Liters)	5 Gallons (18.93 Liters)	10 Gallons (37.85 Liters)
Optional Low Level Sensor	None	Yes	Yes	Yes	Yes
Dispense Ports	1	2	2	2	1
Image					

RESERVOIR SELECTION REFERENCE GUIDE



CUSTOM BUILT RESERVOIR

- (A) RESERVOIR
 - RESERVOIR R-100 (0.35 GALLON) PT# 106021872
 - RESERVOIR R-125 (1 GALLON) PT# 110-100
 - RESERVOIR R-175 (3 GALLON) PT# 110-045
 - RESERVOIR R-185 (5 GALLON) PT# 110-109
 - RESERVOIR R-200 (10 GALLON) PT# 110-102
- (B) REGULATOR
 - STANDARD REGULATOR & GAUGE (0-30 PSI) PT# 110-080
 - STANDARD REGULATOR & GAUGE (0-100 PSI) PT# 110-081
 - PRECISION REGULATOR & GAUGE (0-30 PSI) PT# 110-090
 - PRECISION REGULATOR & GAUGE (0-100 PSI) PT# 110-091
- (C) BULKHEAD TUBE FITTING
 - COMPRESSION TUBE FITTING 1/4" NPT (0.125 TUBE) QUANTITY 1 &/OR 2 PT# 101-055
 - COMPRESSION TUBE FITTING 1/4" NPT (0.250 TUBE) QUANTITY 1 &/OR 2 PT# 101-052
 - COMPRESSION TUBE FITTING 1/4" NPT (0.375 TUBE) QUANTITY 1 &/OR 2 PT# 101-053
- (D) TUBING OPTIONS
 - BLACK TUBING 1/8" NYLON PT# 101-035
 - BLACK TUBING 1/4" NYLON PT# 101-036
 - BLACK TUBING 1/4" TEFLON® PT# 101-038
 - CLEAR TUBING 1/4" TEFLON® PT# 101-033
 - CLEAR TUBING 3/8" TEFLON® PT# 101-034

HANDHELD/MANUAL DISPENSING GUNS

Hernon® offers multiple handheld dispensing guns. Several models are offered to support different dispensing cartridge sizes. The 2 part dispensing guns come with static mixing wands that mix the product by dispensing the two parts in equal proportions and combining both products in the wand. Our selection includes 300 ml and 400 ml pneumatic guns which allow the operator the speed and ease of automated dispensing while still having the control and custom use that handheld dispensers offer.



50 ml Dual Cartridge Dispense Gun

Part number: Gun0001

Manually operated dispensing gun for 50ml dual cartridge adhesives



400 ml Dual Cartridge Dispense Gun

Part number: 110-022

Manually operated dispensing gun for 400 ml dual cartridge adhesives



300 ml Cartridge Dispense Gun

Part number: 110-021

Manually operated dispensing gun for 300ml dual cartridge adhesives



Pneumatic 400 ml Two Part Dispense Gun






Part number: 110-023

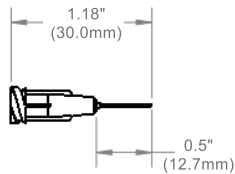
Pneumatic operated dispensing gun for 400ml dual cartridges

DISPENSING NEEDLES, STATIC MIXERS, SYRINGES

General Purpose Precision Tips

(20 pieces per pkg.) All 1/2" Stainless Steel

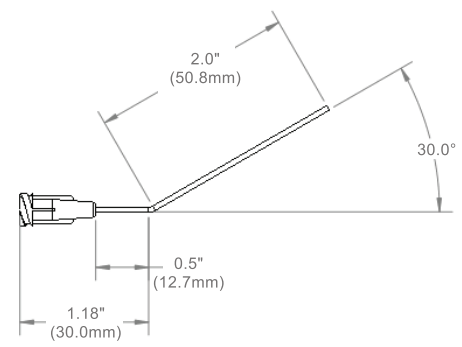
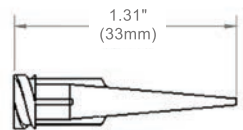
Gauge	Pt#	Inside Dia.	Color:	Image
14	● 104-006	1.55mm (.061")	Olive	
15	● 104-007	1.36mm (.053")	Amber	
16	● NDL07	1.20mm (.047")	Violet	
18	● 104-008	.90mm (.035")	Green	
20	● 104-009	.62mm (.024")	Pink	
21	● 104-010	.51mm (.020")	Purple	
22	● 104-011	.41mm (.016")	Blue	
23	● 104-012	.33mm (.013")	Orange	
25	● 104-013	.25mm (.010")	Red	
27	● 104-014	.21mm (.008")	Clear	
30	● 104-015	.16mm (.006")	Lavender	



Tapered Tips








(20 pieces per pkg.) All 1/2" Stainless Steel

Gauge	Pt#	Inside Dia.	Color:	Image
14	● 104-018	1.55mm (.061")	Olive	
16	● 104-019	1.20mm (.047")	Grey	
18	● 104-020	.90mm (.035")	Green	
20	● 104-021	.62mm (.024")	Pink	
22	● 104-022	.41mm (.016")	Blue	
25	● 104-023	.25mm (.010")	Red	




Rotocoater Needles

All 30°; 2.5" Stainless Steel; 5 needles per pkg.

Gauge	Pt#	Inside Dia.	Color:	Image
14	● 104-039	1.55mm (.061")	Green	
14	● 104-040	1.55mm (.061") Teflon lined	Lt. Green	
15	● 104-041	1.36mm (.053")	Amber	
16	● 104-042	1.20mm (.047")	Violet	
18	● 104-026	.90mm (.035")	Olive	
21	● 104-027	.51mm (.020")	Purple	
23	● 104-028	.33mm (.013")	Orange	
	● 104-043	.41mm (.016")	Multi	



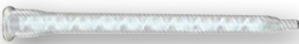




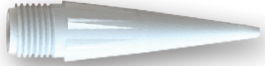
(Multi Includes one each: 14, 15, 16, 18, 21, 23)

Extras

Gauge	Pt#	Color	Image
Luer-Lock	104-005	Orange	

DISPENSING NEEDLES, STATIC MIXERS, SYRINGES

Extras

Gauge	Hernon® Pt#	Needle Inside Dia.	Color:	
14 • (Rotocoater 45°)	104-037	1.55mm (.061")	Olive	
18 • (Rotocoater 45°)	104-036	.90mm (.035")	Green	
Static Mixer (For 50ml dual component adhesives; 6" length / 6.3mm dia.)	STATIC0001			
Static Mixer (For 300ml & 400ml dual component adhesives; 9.25" length / 6mm dia.)	STATIC0002			
Static Mixer (Pinch-tubes for 400ml dual component adhesives - 11" length / 6mm dia.) Recommended for Autobonder® 2040;	104-050			
Syringe 30cc syringe with plunger - (Black version for UV material available) Recommended for Autobonder® 2101	104-025			
Dispensing Tip (4" white plastic dispensing tip)	104-044	N/A	White	
Dispensing Tip (2.5" white plastic dispensing tip)	104-045	N/A	White	

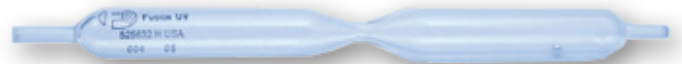
MISCELLANEOUS PARTS & ACCESSORIES



Ultraspot® 1000 UV Replacement Lamp
Part number: 102-000
200 watts



Main Fuse – 4 AMP Slow Blow
Part number: 102-028
4 AMP slow blow fuse



Ultracure® 1000 UV Replacement Lamp
Part number: 102-050

Electrodeless bulb
Contains Argon, Mercury and Iron to increase the UV wavelength for penetrating pigmented inks and color coatings.
Expected bulb life approximately 5,000 hours
Power requirements are 300 watts/inch
Short wavelength is 365 nm.

IR Filter UVA Only (Option)
Part number: 107-001

IR Filter UVA Only (Standard)
Part number: 107-000



UV Safety Glasses

Part number: 107-005

Safety glasses shade 5 green



Optical Wand Stand 5mm

Part number: 110-041

Stand for US1000 wand (5mm and 8mm)



Radiometer For Measuring U.V.
Part number: 107-012

Radiometer for measuring UV power of spot UV



850ml Cartridge Retainer

Part number: 110-056

Retainer for 850ml cartridges
Includes body, cap, o-ring & pressure gauge
0-100 PSI regulator

MISCELLANEOUS PARTS & ACCESSORIES



5mm Liquid Optic Wand
Part number: 107-003
 1 meter long

Liquid Optic Wands
Part number: 107-010
 5mm x 1500mm (59" LG.)

8mm Liquid Optic Wand
Part number: 107-002
 1 meter long

Part Number: 107-011
 8mm x 1500mm (59" LG.)



Dual 8mm Wand for use w/ Ultraspot 1000
Part number: 107-002
 1 meter long



Sureshot Tubing "Earclamps"
Part number: 109-054
 Tubing fastener



Sureshot® 2200 V Mounting Block
Part number: 110-033
 Optional V block mount for SS2200 Valves
 Flat socket head screw



Nylon Black Tubing
Part number: 101-035
 1/8" OD x .08" ID
 Sold by the foot



Nylon Black Tubing
Part number: 101-036
 1/4" OD x .175" ID
 Sold by the foot



Nylon Black Tubing
Part number: 101-038
 1/4" OD x 3/16" ID
 Sold by the foot



Nylon Black Tubing
Part number: 101-094
 3/8" OD x .050" ID
 Sold by the foot



Nylon Black Tubing
Part number: 101-098
 3/8" OD x .031" ID
 80 PSI working pressure
 Sold by the foot

