The **Autobonder® A Series Digital** is a high precision controller capable of handling a wide range of fluids, adhesives and sealants. The **Autobonder® A100-D and A030-D** are included in the A Series Digital. The **AB 100-D** features a (0-100psi) pressure regulator and the **AB A030-D** features a (0-30psi) pressure regulator. This controller has easy teach and learn functions and can deliver controlled beads, accurate dots to large volume fillings at a touch of a button. This dispensing controller ensures accurate dispense cycles and supports both syringe dispensing and valve dispensing with a reservoir.

**Product Part Numbers:**
- A030-D: #110020193
- A100-D: #110020194

**Features and Benefits:**
- **Vacuum suck back feature**: Positive shut off; eliminates waste
- **Digital time, pressure and vacuum display**: Quickly and easily read precise equipment settings
- **Manual, Timed and Cycle dispense modes**: Multi-functional operations
- **Stores up to 40 programs**: Multiple parts at the touch of a button
- **0-30psi or 0-100psi SMC precision regulator**: Greater consistency, improved quality & good energy savings

**Specifications:**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input voltage</td>
<td>110 ~ 230V (auto)</td>
</tr>
<tr>
<td>Air input</td>
<td>70-100 psi (5 - 7 bar)</td>
</tr>
<tr>
<td>Air output</td>
<td>1-70psi (0.1 - 5 bar)</td>
</tr>
<tr>
<td>Operation modes</td>
<td>Manual / Timer / Cycle</td>
</tr>
<tr>
<td>Digital display</td>
<td>Pressure / Vacuum / Time Display</td>
</tr>
<tr>
<td>Dispense time</td>
<td>0.01-99.99 seconds</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>32° - 104°F (0 - 40°C)</td>
</tr>
<tr>
<td>Relative humidity</td>
<td>20 - 90% no condensation</td>
</tr>
<tr>
<td>Control box dimensions</td>
<td>6.29&quot;W x 10.24&quot;L x 2.56&quot;H (160 x 260 x 65mm)</td>
</tr>
<tr>
<td>Control box weight</td>
<td>3.31 LBS (1.5kg)</td>
</tr>
</tbody>
</table>

**Warranty:**
- **Standard 1 year from purchase date**
  - Hernon® offers a brand new product as a replacement in case of manufacturer’s defect.
Overall Dimensions:

FRONT:

BACK:

TOP:
SYRINGE DISPENSING SYSTEM

Syringe Dispensing System Includes:
- A030-D / A100-D Controller
- Power Supply
- Interconnect Tubing and Connectors
- Foot Pedal
- Finger Switch
- Syringe Adapter
- 30cc Dispensing Syringe- Qty: 2pcs.
- Variety Of Needles
- Syringe Stand

PRECISION DISPENSING SYSTEM

Valve - Reservoir Dispensing System Includes:
- A100-D Controller
- Power Supply
- Interconnect Tubing and Connectors
- Foot Pedal
- Foot Switch
- Variety Of Needles
- Reservoir (SOLD SEPARATELY)
- Valve (SOLD SEPARATELY)
Syringe Kit Part #: #110020209

- POWER SUPPLY
- FOOT SWITCH
- FINGER SWITCH
- INTERCONNECT TUBE WITH UNIVERSAL FITTING
- SYRINGE
- VARIETY OF NEEDLES AND TIPS
- SYRINGE ADAPTER
- SYRINGE STAND
AUTOBONDER® A SERIES KIT SELECTION GUIDE

(A) STAND OPTIONS
- SURESHOT® 2200 PT# 110-039
- SURESHOT® 4000 PT# 110-040
- BLACK TUBING 1/8" NYLON PT# 101-035
- BLACK TUBING 1/4" NYLON PT# 101-036
- BLACK TUBING 1/4" TEFLOX® PT# 101-038
- CLEAR TUBING 1/4" TEFLOX® PT# 101-033
- CLEAR TUBING 3/8" TEFLOX® PT# 101-034

(B) TUBING OPTIONS
- 1/8" NPT - 1/4" TUBE KYNAR® STG PT# 101-043
- 1/8" NPT - 1/4" TUBE KYNAR® 90° PT# 101-046
- 1/4" NPT - 1/4" TUBE KYNAR® 90° PT# 101-047
- 1/4" NPT - 3/8" TUBE KYNAR® 90° PT# 101-045

(C) CONNECTION FITTINGS
- SURESHOT® 2200 PT# 101-090
- 10-32 MALE 1/4" TUBE PUSH TO CONNECT
- SURESHOT® 4000 PT# 101-089
- 1/8" NPT MALE 1/4" TUBE PUSH TO CONNECT

(D) PNEUMATIC TUBING
- PT# 106-129

(E) PNEUMATIC FITTINGS
- VALVE 3 PT# 103-005
- VALVE 4 PT# 103-006
- DELRIN® MANI; TEFLOX® DIA., 90° PORT: PT# 110-000
- DELRIN® MANI; TEFLOX® DIA., STRAIGHT PORT: PT# 110-001
- TEFLOX® MANI; TEFLOX® DIA., 90° PORT: PT# 110-002
- TEFLOX® MANI; TEFLOX® DIA., STRAIGHT PORT: PT# 110-003

(F) OPTIONS
- SURESHOT® 4000
- VALVE
- VALVE 3 PT# 103-005
- VALVE 4 PT# 103-006
- NO STANDARD STAND FOR VALVES 3 & 4

(G) NEEDLE KIT OPTIONS
- PT# 110-033

(H) RESERVOIR R125 OPTIONS PT# 110-100
- PRECISION REG. & GAUGE (0-100 PSI)
  - PT# 110-091
  - PT# 110-091
- STD. REG. & GAUGE (0-100 PSI)
  - PT# 110-081
  - PT# 110-081
- STD. REG. & GAUGE (0-30 PSI)
  - PT# 110-080
  - PT# 110-080
- 3/4" COMPRESSION TUBE FITTING
  - PT# 101-055
  - PT# 101-055
- 1/2" COMPRESSION TUBE FITTING
  - PT# 101-052
  - PT# 101-052
- SENSOR OPTIONS:
  - NPN PT# 110-095
  - PNP PT# 110-096

(I) FOOTSWITCH
- PT# 110-009

(J) AUTOBONDER® A SERIES
- AB A100-D PT# 110020194