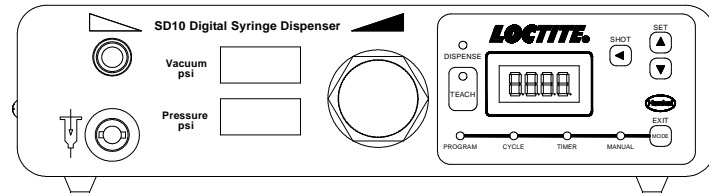




Product Description Sheet

SD10 Digital Syringe Dispenser

Item No. 1514629



Product Description

The Loctite® SD10 Digital Syringe Dispenser is a semi-automatic dispensing system designed to dispense Loctite® adhesives and fluids packaged in 30ml and 55ml syringes. The unit has digital timing control with decimal settings to 0.01 seconds for increased precision over typical pressure-time systems. An adjustable pressure regulator with digital display controls a pulse of air, and when used in conjunction with an airline adapter attached to an adhesive syringe barrel, will provide a controlled dispensed amount of adhesive. The system can be operated in the manual, timer or cycle operation modes to dispense dots or beads. Suck-Back feature with digital vacuum display ensures no dripping during production when not dispensing.

Product Features

- Digital time / pressure / vacuum display
- Easy teach & learn function
- Manual / Timed / Cycle operation Modes
- Dispense time from 0.01 - 99.99 seconds
- Vacuum Suck-Back feature ensures no dripping
- Stores up to 40 dispense programs
- Stackable

Theory of Operation

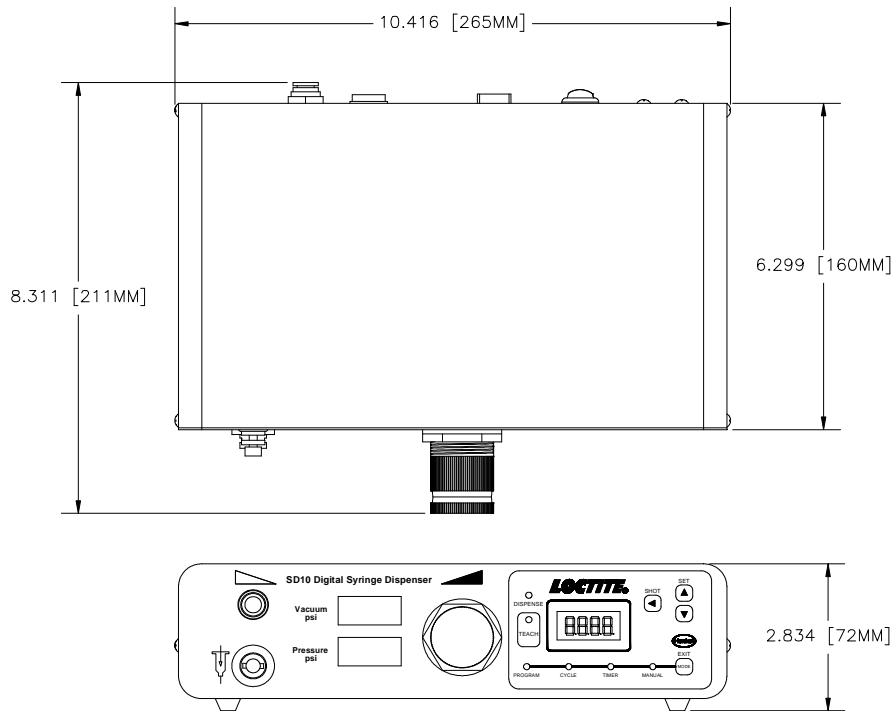
The Loctite® SD10 Digital Syringe Dispenser (1514629) is connected to an external pneumatic supply. The SD10 regulates dispense air pressure and controls the time of dispensing. By means of air pressure on the syringe piston in the syringe, the product is dispensed through a dispensing needle tip. The built-in vacuum regulator prevents dripping of the product during pauses in dispensing.

Technical Data

- Electrical:
 - Input voltage 100-240 VAC, 50-60 Hz.
 - Internal voltage: 24 VDC
- Dimensions:
 - Width: 265 mm
 - Depth: 211 mm
 - Height: 72 mm
- Gross Weight: 3.0 kg.
Net: 1.7 kg
- Operation temperature: +10 °C to +40 °C (+50 °F to +104 °F)



Dimensions



Package Includes:

- SD10 Digital Syringe Dispenser
- Operating Manual
- Power Supply
- Foot Switch
- Syringe Barrel Stand
- Syringe Test Kit
- 30/55cc Syringe Air Line Adapter

Note
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