



## SD-200

### Digital Syringe Dispenser

- Precise dispensing control for wide variety of dot or deposit sizes
- Suitable for a large range of viscosities, and all types of fluids
- Manual and timer modes for precise control
- High cycle speed for automated dispensing operations
- 1 programmable memory slot for timing storage
- CE certified

The SD-200 digital liquid dispenser, with its versatile design, is perfectly suited for a wide variety of dispensing applications from microdot deposits to large potting and filling. Suitable for all types of fluids, it includes a suck-back feature to ensure low viscosity liquids do not drip from the dispense tip.

The SD-200 provides a micro-controlled timer programmable from 0.01 to 99.99 seconds. Operation can be in manual mode controlled by a foot pedal or with pre-set time for repeatable shot sizes. The unit comes with a programmable memory slot to store timing.

Included hoses, fittings, and dispense tips make the unit ready to use right out of the box. The SD-200 includes:

- SD-200 Digital Syringe Dispense Controller
- Adapter Assemblies: 3, 5, 10, and 30/55 CC
- Push to Connect Tube Fitting 1/4" Stem OD x 5/32" Tube OD with Tubing
- Foot Pedal
- Power Adapter with Attachments
- Syringe Stand
- Tip Kits: High and Low Viscosity
- User Manual

# Special Features & Benefits



Feature	Benefit
Adjustable vacuum suck-back	Clean, drip-free cycle shut-off
Digital timer with a range of 0.01 to 99.99 seconds	Precision control over fluid dispense
Delivers micro-shots, beads, or fills	Timed or manual mode with adjustable time and pressure settings; includes the ability to save a set time in memory
Activation by foot pedal (footswitch) or external signal	Manual or system-integrated operation
Adjustable air pressure fluid regulator	Adjust and set the proper air pressure setting for very thin fluids to very thick fluids

# Specifications

Power Requirements	Input Voltage: 100 - 240 VAC, 50 / 60 Hz Internal Voltage: 24 VDC
Air Requirements	Input: 100 psi [7 bar] max Output: 1 - 100 psi [0.07-7 bar]
Relative Humidity	20-90% (No Condensation)
Operating Temperature	50-104°F (10-40°C)
Dispense Time	0.01- 99.99 seconds
Cycle Speed	Up to 600 cycles /minute
Dimensions (W x D x H)	7.56" x 7.17" x 3.00" (192 mm x 182 mm x 76 mm)
Weight	2.14 lbs (0.97 kg)
Unit Warranty	1 year from purchase date



# Ordering Information

Units are warranted against defects in material and workmanship for one year from date of purchase.

Part Number	60600 SD-200 Syringe Dispenser*
Accessories	60742 Foot Pedal 60756 Syringe Stand 60743 Power Adapter
Air Cap Assemblies	60589 Adapter Assembly, 3 CC 60592 Adapter Assembly, 5 CC 60591 Adapter Assembly, 10 CC 60590 Adapter Assembly, 30/55 CC
Tip Kits	P3423 Tip Kit, High Viscosity P3424 Tip Kit, Low Viscosity T11182-10 Syringe Tip Cap T16972 Dispense Tip Kit (assorted)



\* For customer in Europe, the appropriate power cord will be added.

# Main Components of the SD-200 Syringe Dispenser



