

## PRECISION PISTON VALVE AND CONTROLLER

NV300 is a dedicated valve designed for small volume dispensing applications. It can be used for dots, lines, potting or any applications that requires good volume precision. It has a good positive shut off that also enables it to dispense without dripping. Maintenance is relatively easy and all wetted parts are made of stainless steel. NV300 works with a controller, NVC3000. When connected to the NV3000, all the parameters necessary for good control and dispensing can be set.

NVC3000 is a microprocessor based controller. It has a LCD screen for display and a simple menu. It has both auto (with digital timing) and manual mode.

### Features of Valve NV300

- Fast response time
- Good positive shutoff
- No dripping
- Stainless Steel Wetted Parts
- Especially good for not heavily filled epoxy and adhesive.
- Easy maintenance
- Good volumetric dispensing

### Features of Controller NVC3000

- LCD Display
- 10 Memory
- Auto cycling
- Manual/Timer mode
- Digital Timing
- Microprocessor Driven
- No maintenance
- User-friendly Programming



### Specifications of Valve NV300

<b>Voltage</b>	24VDC Input Board-Level Driver
<b>Cycle time</b>	600cycle/min
<b>Operating Air</b>	4kgf/cm <sup>2</sup>
<b>Material Pressure</b>	70kgf/cm <sup>2</sup> (Max)
<b>Viscosity</b>	Low/High
<b>On/Off</b>	Piston
<b>Wetted Part</b>	Stainless steel
<b>Weight</b>	490g

### Specifications of Controller NVC3000

<b>Time Range</b>	0.02 to 99.999 sec
<b>Voltage</b>	110/220 VAC
<b>Input Pressure</b>	Up to 100 psi
<b>Operation Mode</b>	Manual, Auto, Cycle
<b>Internal Memory</b>	10 Memory Locations
<b>Response Time</b>	100ms
<b>Size</b>	133 x 131 x 146mm
<b>Weight</b>	2kg