DC100 High Precision Dispenser

A versatile, high precision dispenser designed to suit a wide variety of dispensing applications: from microdot deposits and lines, to large potting and filling. Integral and intelligent dispense software allows the user more control over dispensing applications.

Programmable alarms can be set to notify the user when material life has ended or fluctuations in dispensing pressure have occurred. The user-friendly programming allows for up to 10 saved programs and 5 different dispense modes.

Features

- 10 programmable memory slots
- 5 dispense modes (purge, teach, timed, time+, Int.)
- Worldwide compatible power supply
- Multilingual display
- Digital display (time, pressure, vacuum)
- Dispense cycle counter
- Programmable alarms
- Internal pressure and vacuum calibration function
- Selectable pressure and vacuum measurement units

Benefits

- Digital dispensing parameters for improved process control
- Precision regulator for high accuracy dispensing
- Repeatable dots, beads, and fills
- Vacuum control stops thin fluids from dripping between dispense cycles
- Operator lockout function prevents dispense programs from being modified
- Auto-purge cycle prevents premature curing of material
- Air input alarm for monitoring consistent air input pressure
- Push fitting air outlet design for universal functionality

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Specifications

Item Number	DC100
Cycle Rate	600+ cycles / min
Dispense Time	0.008 - 9999 secs
Programs	10 Memory Slots
Input AC to Power Supply	100 - 240 VAC, 50/60 Hz
Output DC from Power Supply	24 VDC - 0.75 Amp
Air Input	70 - 100 psi (7 bar) max
Air Output	1 - 100 psi (0.07 - 7 bar)
Operating Temperature	50 - 104 °F (10 - 40 °C)
Relative Humidity	20 - 90% (No Condensation)
Dimensions (WxDxH)	191 x 179 x 72 mm (7.53 x 7.05 x 2.83")
Weight	0.92 kg (2.02 lbs)
Standards	CE Approved, RoHS Compliant

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