

DC100 MAX High Precision Dispenser

A versatile, high precision dispenser designed to achieve exceptional levels of process stability on critical dispensing applications: from microdot deposits and precise beads, to potting and encapsulation. The advanced user-friendly dispense software features a wide range of intelligent functions, allowing the user to maximize the accuracy, control, and monitoring of their application.

Programmable alarms can be set to notify the user when fluid material life has ended, or when fluctuations in the dispensing pressure have occurred. The sequence function enables the dispense time to be changed at pre-set time intervals or shots throughout the process. This ensures consistent dispense results are maintained that may have been affected by a fluctuation in fluid viscosity or a reduction in the syringe fluid level.



Features

- 16 programmable memory slots
- 5 dispense operation modes (Purge, Teach, Timed, Time+, Cycle) and sequence function
- Multilingual display (English, French, Spanish, German, and Chinese Mandarin)
- Digital display (time, pressure, vacuum)
- Dispense cycle and time counter, and limit alarm
- Pressure and vacuum alarm
- Total machine time usage and cycle monitor
- Internal pressure and vacuum calibration function
- Pressure (psi, bar, kPa) and vacuum (inHg, inH2o, kPa) measurement units
- Momentary or latching shot actuation signal
- 13 channel I/O circuit and I/O test mode
- RS232 port for remote programming and control
- Worldwide compatible power supply

Benefits

- Digital dispensing parameters for improved process control
- Precision regulator and high flow solenoid for high accuracy repeatable dispensing
- Vacuum control helps prevent thin fluids from dripping between dispense cycles
- Operator lockout function eliminates dispense programs and functions from being modified
- Auto-purge cycle and glue alarm prevents premature curing of 2k fluid materials.
- Machine copy feature allows dispense parameters to be quickly transferred onto other dispensers
- Option to attach a barcode scanner for touch-free program selection and dispense actuation
- Push fitting air outlet design for universal functionality
- Isolated chassis grounding point for safe connection to external earth point

DC100 MAX High Precision Dispenser



FSX Syringe Stand
(included)



Item Number 5601969

Finger Switch
(Optional)



Item Number 560023-LFDC

Specifications

Item Number	DC100 MAX
Cycle Rate	Up to 600 cycles / min
Dispense Time	0.008 - 999.9 secs
Programs	16 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)	7.53" x 7.05" x 2.83" (191 x 179 x 72 mm)
Weight	2.31 lbs (1.05 kg)
Standards	CE & UKCA Approved, RoHS & EMC Compliant

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