DC100 & DC200
Digital Dispenser & Controller

The DC100 & DC200 are the latest advancement in dispensing technology. These dispensers allows the user more control over their applications. 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 programs to be saved and 5 different dispensing modes to be used. An I/O connection allows for easy integration into preexisting manufacturing lines. Lockable programs can allow the operator to use the DC100 & DC200 without fear of mistakenly modifying programs.

The DC100 digital dispenser, with its versatile design, makes it perfectly suited for a wide variety of syringe dispensing applications; from microdot deposits, lines, to large potting and filling.

The DC200 features a larger internal air solenoid making it ideal for operations that require a high volume air exhaust, such as collapsible tubes, caulking cartridges, reservoirs, valves and rotary tables.
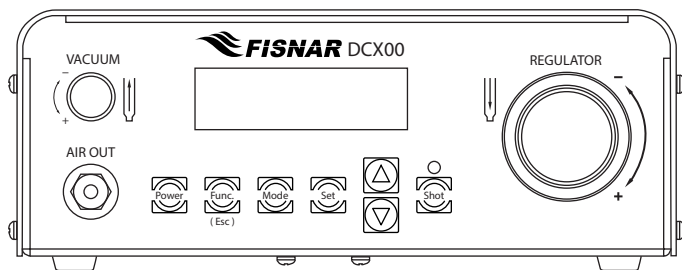
Features
• Air input tolerance can be set for consistent pressure
• Can be locked to keep programs from being modified
• Alarm can be set for when material life has ended
• Auto purge to prevent premature curing of material
• Alarm can be set for pressure and vacuum fluctuation
• Dispense counter for tracking completed dispense cycles
• Calibration for both pressure and vacuum
• IO connection for easy integration with manufacturing lines
• Multiple dispensing modes for easy use in many applications
• DC200 - Large air solenoid for dispensing viscous fluids
• DC200 - 3-way valve controller
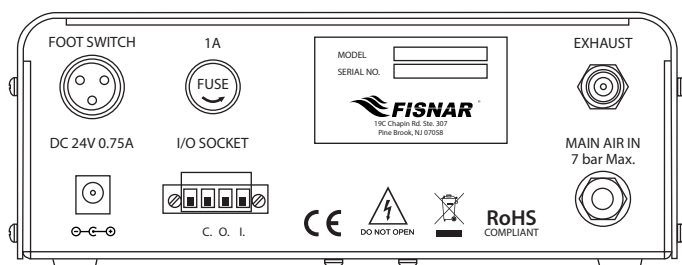• DC200 - Mandarin Chinese language option

Dispensing Modes
• Purge Mode - Dispenses for as long as activated.
• Teach Mode - Allows the user to record a dispense time.
• Timed Mode - Dispenses at a fixed time interval.
• Time+ Mode - Allows operator to add time to a shot after a set amount of cycles.
• INT Mode -   Allows the user to stop a programmed dispense time early if needed.
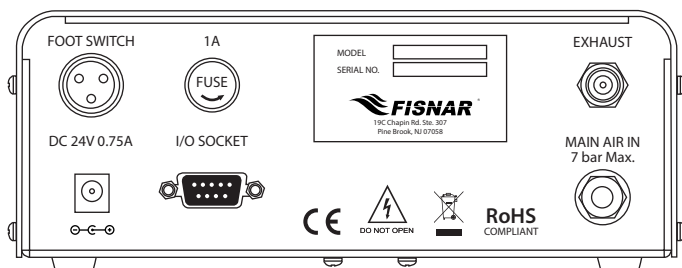
DC100 & DC200
Digital Dispenser & Controller

VACUUM

FISNAR DCX00

REGULATOR

AIR OUT

Power Func. (Esc) Mode Set Shot

FRONT

FOOT SWITCH   1A

FUSE

MODEL
SERIAL NO.

EXHAUST

FISNAR
19C Chapin Rd. Ste. 307
Pine Brook, NJ 07058

DC 24V 0.75A   I/O SOCKET

C. O. I.

CE   DO NOT OPEN   RoHS COMPLIANT

MAIN AIR IN
7 bar Max.

DC100 BACK

FOOT SWITCH   1A

FUSE

MODEL
SERIAL NO.

EXHAUST

FISNAR
19C Chapin Rd. Ste. 307
Pine Brook, NJ 07058

DC 24V 0.75A   I/O SOCKET

CE   DO NOT OPEN   RoHS COMPLIANT

MAIN AIR IN
7 bar Max.

DC200 BACK

Applications

- LED bonding
- Lubricant / grease application
- Cyanoacrylate bonding
- UV cure adhesive dispensing
- Encapsulation
- RTV dispensing
- Flux dispensing
- Solder mask applications
- Medical manufacturing
- Automotive gasketing
- Aerospace manufacturing

Accessories

- Universal Power Adapter Kit
- Foot Pedal
- Air Inlet Hose
- Syringe Holder
- Tip Caps
- 10cc & 30cc barrels and pistons
- 10cc & 30cc barrel adapters
- 10cc & 30cc end caps
- Assortment of 1/2" blunt end needles
- Assortment of tapered tips
- Teflon lined tips
- 1/4" air outlet with 1/8" reducer (DC200 only)

Specifications

Cycle Rate:	600+ cycles per minute
Timer:	0.008 to 9999 seconds
Programs:	10 memory slots
Input AC to power supply:	100-240 VAC - 50/60Hz
Output DC from power supply:	24 VDC - 0.75 Amp
Air Input:	100psi maximum
Air Output:	0-100psi
Operating Temperature:	50 - 140º F
Relative Humidity:	20 - 90% (no condensation)
Dimensions (WxDxH):	7.09" x 7.68" x 3.15"
Weight:	DC100 : 1.9 lbs. DC200 : 2.2 lbs.
Standards:	CE Approved, RoHS Compliant

FISNAR

X-ON Electronics

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