

# DC100

## Programmable Precision Dispenser



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

This new advancement in dispensing technology allows the user more control over their dispensing 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 pre existing manufacturing lines. Lockable programs can allow the operator to use the DC100 without fear of mistakenly modifying programs.

With all of these new features the DC100 may be the most cost effective programmable dispenser on the market.

### Features<sup>®</sup>

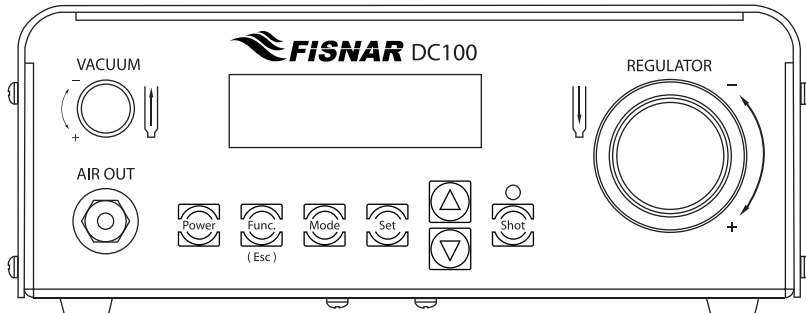
- Adjustable air output and vacuum with digital display
- Air input tolerance can be set for consistent pressure
- Can be locked to keep programs from being modified
- Alarm can be set for when material life has ended
- Auto purge to prevent premature curing of material
- Alarm can be set for pressure 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

### Dispensing Modes

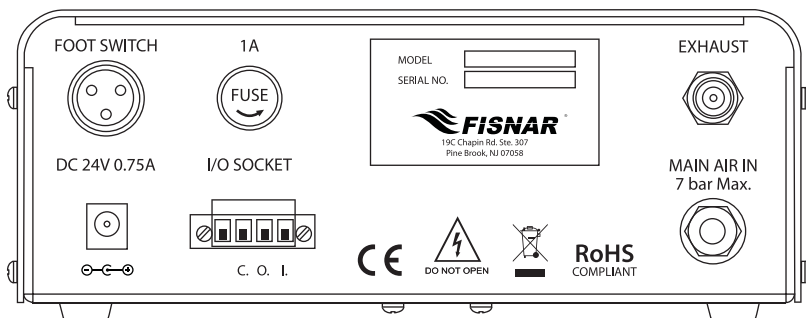
- Purge Mode - Dispenses for as long as activated.
- Teach Mode - Allows the user to record a dispense time.
- Timed Mode - Dispenses at a fixed time interval.
- Time+ Mode - Allows operator to add time to a shot after a set amount of cycles.
- INT Mode - Allows the user to stop a programmed dispense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

# DC100

## Programmable Precision Dispenser



FRONT



BACK

### Applications

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

### 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

### 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 - 140° F
Relative Humidity:	20 - 90% (no condensation)
Dimensions (WxDxH):	7.09" x 7.68" x 3.15"
Weight:	1.9 lbs.
Standards:	CE Approved, RoHS Compliant

#### Sales & Support

##### Fisnar

##### Global Headquarters

Tel: 1 (973) 646-5044

E-mail: [info@fisnar.com](mailto:info@fisnar.com)

[www.fisnar.com](http://www.fisnar.com)

##### Fisnar Europe

##### European Headquarters

Tel: +00 44 (0) 1355 577 222

E-mail: [infoeurope@fisnar.com](mailto:infoeurope@fisnar.com)

[www.fisnareurope.co.uk](http://www.fisnareurope.co.uk)

##### Fisnar Asia

##### Asia Headquarters

Tel: 852-2389-2827

E-mail: [info@fisnar.com.hk](mailto:info@fisnar.com.hk)

[www.fisnareurope.co.uk](http://www.fisnareurope.co.uk)

