



**Manufacturer:**

Fishman®

**Product Name:**

Fishman SmartDispenser® MINI™ Fiber Optic Epoxy Dispenser with Pencil Gun - Standard Display

**Manufacturer Part Number:**

DPG3151



Learn More

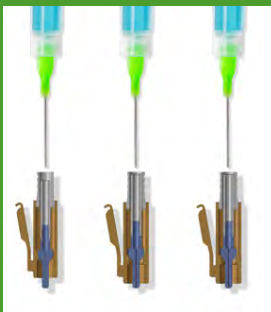
▶ Click here for more details on the Fishman SmartDispenser® MINI™ Fiber Optic Epoxy Dispenser with Pencil Gun - Standard Display



## Pencil Gun Fiber Optics System

### SmartDispenser® 3, 5, 10 & 30cc Pencil Guns

Use these pencil guns for encapsulating fiber optic connectors. All four are especially suited for blind filling into fiber optic connector ferrules. The precision of these pencil guns is assured thanks to the SmartDispenser®'s patented AlgorithmicControl™. It provides the highest repeatability, from one dispense to the next, whether the application calls for a single component adhesive or a two component epoxy.



The SmartDispenser® Fiber Optics Benchtop System is ideal for dispensing epoxies for bonding glass fiber to ceramic ferrules. AlgorithmicControl™ helps to manage two part epoxies and other fiber optic assembly fluids, making certain each ferrule is filled without overflow or air gaps.

Traditional air pressure systems simply cannot deliver repeatability from one fluid deposit to the next crucial for fiber optic connector assembly. AirFree® Technology from Fishman® Corporation stabilizes the fluid dispensing process, providing the highest repeatability when compared to other fluid dispensers on the market today.



**Contact the professionals at Fiber Optic Center for a quote or to get more details.**

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*Product specifications and data are subject to change without notice.*



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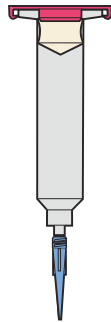
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### Genius® Dispensing Components

Genius® dispensing components offer a thick wall design that eliminates flexing and promotes a zero draft that assures smooth flow. The disposable design of these dispensing components also does away with the need and use of harmful cleaning agents such as MEK or acetone. Moreover, the polypropylene reservoir protects assembly workers from coming in contact with harmful assembly fluids. Plus, when empty, the capped syringe acts as a sealed container making disposal easy and safe.



### Pencil Gun Micro Dot – Any Viscosity

| Barrel Size          | 3CC    | 5CC    | 10CC  | 30CC   |
|----------------------|--------|--------|-------|--------|
| MIN. VOL. (CC)       | .00006 | .00010 | .0005 | .00098 |
| MAX. VOL. (CC)       | 3.0    | 5.0    | 10.0  | 30.0   |
| MIN. RATE (CC/SEC)   | .001   | .002   | .012  | .024   |
| MAX. RATE (CC/SEC)   | .033   | .0053  | .298  | .586   |
| MAX. BACKOFF (STEPS) | 500    | 500    | 500   | 500    |
| MAX. DELAY (SEC)     | 9.99   | 9.99   | 9.99  | 9.99   |

The SmartDispenser® Pencil Gun comes with 3, 5, 10 & 30cc Retaining Rings.

### Specifications

|                                   |   |
|-----------------------------------|---|
| Usage:                            | Indoor Use  |
| Altitude:                         | Up to 2000m   |
| Temperature:                      | 0° to 40° C   |
| Maximum Relative Humidity:        | 80% for Temperatures up to 31°C Decreasing Linearly to 50% Relative Humidity at 40° C |
| Mains Supply Voltage Fluctuations | Not to exceed ±10%  |
| Installation Overvoltage:         | Category II   |
| Pollution:                        | Degree 2, Class 1   |
| Input Voltage:                    | 100-240 VAC<br>47-63Hz  |
| Max Inrush Current                | 3.2A-1.8A   |
| Output Voltage:                   | 4.6W  |
| Output Power:                     | 5.0 VDC   |
| Fuse Rating:                      | 1.0A/250 VAC  |
| Initiate Circuit:                 | Foot Pedal (dry contact) finger switch  |
| Drive Motor:                      | 15 Degrees / 400 Steps/Rev  |
| Gear Head:                        | 64:1  |
| Axial Movement:                   | 24 Axial Pitch / .00003"/Step   |
| Control Circuitry:                | CMOS Microprocessor   |
| Interface:                        | Touchscreen or Keyboard/Mouse   |
| Minimum Dispense Volume:          | .00006cc  |
| <b>Control Center</b>             |   |
| Size:                             | 5.6 x 9.9 x 6.3 in (14.23 x 25.15 x 16cm)   |
| Weight:                           | 4.7lbs (2.13 kg)  |
| <b>Gun</b>                        |   |
| Length:                           | 5.12 in (13.00cm)   |
| Weight:                           | 5.22 oz (148gr)   |
| Cable Length:                     | 3 feet (91.5cm)   |

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