



FMG-25 · FMG-60 · FMG-80 · FMG-120
Manual Cartridge Dispensers

info@fisnar.com

www.fisnar.com

OVERVIEW

Tough, durable, and lightweight these 2.5, 6, 8 and 12oz manual cartridge dispensers are designed for dispensing adhesives and sealants commonly used in industrial assembly, aerospace, and automotive applications. Compatible for use with Techcon, Semco and EFD style cartridge systems. Designed to produce consistent beads and dots in a controlled manner. Their ergonomically balanced design ensures a comfortable fit in the operator's hands allowing them to be used with ease.

Superior sealing ability on the cartridge

Durable engineered Nylon construction

Contoured metal trigger assembly

Screw cap design ensures product safety

Lightweight ergonomically balanced tool helps reduce operator fatigue

Compatible with Techcon, Semco and EFD cartridges

Integrated tool balancer fixing location




Retractable retaining rod for easy removal of cartridge after use

SPECIFICATIONS

Nylon Retainer I.D. Dimensions	(2.5oz) 3.35" (85.2mm) x 1.70" (43.40mm) (6oz) 6.44" (163.80mm) x 1.70" (43.40mm) (8oz) 8.28" (210.50mm) x 1.70" (43.40mm) (12oz) 11.66" (296.40mm) x 1.70" (43.40mm)
Applicator Weights:	FMG-25 (1.15lbs) FMG-60 (1.20lbs) FMG-80 (1.45lbs) FMG-120 (1.50lbs)
Compatible Cartridge Systems:	Techcon and Semco 2.5, 6, 8 and 12oz cartridges and EFD 2.5, 6 and 12oz cartridges




SAFETY

General Precautions

	<i>Safety Glasses and appropriate personal protective equipment should be worn at all times when operating the dispenser.</i>
	<i>The fluid being dispensed may be toxic and / or hazardous. Refer to the Material Safety Data Sheet for proper handling and safety precautions.</i>
	<i>Do not smoke or use near an open flame when flammable materials are being dispensed.</i>



Inappropriate Use

If the dispensers are used in a way other than described in this manual, it may cause damage to self or property.

	<i>Do not use incompatible material cartridges.</i>
	<i>Do not make any modifications to the dispenser. All repairs are to be done using Fisnar specified spare parts.</i>
	<i>Do not operate the applicator in excess of its maximum ratings / settings.</i>

Maintenance

The dispensers are generally maintenance free. However, to ensure smooth operation please follow the below instructions.

	<i>When replacing the O-ring be sure to add a lubricant to extend the life of the seal.</i>
	<i>Avoid cleaning the dispenser with aggressive solvents - neutral detergents are preferred.</i>






REPLACEMENT PARTS LIST



Ref.	Item Number	Description
1	5801379	2.5oz Nylon Retainer Body
	5801380	6oz Nylon Retainer Body
	5801381	8oz Nylon Retainer Body
	5801382	12oz Nylon Retainer Body
2	5801376-SEAL	2.5, 6, 8 and 12oz Nylon Retainer Cap Seal

**Item 2 not shown in graphic displayed above*



OPTIONAL LUER LOCK ADAPTERS AND ACCESSORIES		
5801420	Tip Adapter 1/4" NPT Male x Male Luer Lock Metal	
5801449	Tip Adapter 1/4" NPT Male x Male Luer Lock Black Polypropylene	
5801450	Tip Adapter 1/4" NPT Male x Male Luer Lock White Polypropylene	
QK-NSK	Quantx Needle Selection Kit	
8001039	Pointed Green Tip Cap	

STANDARD COMPATIBLE 1/4" NPT NOZZLES

Item Number	Length (inch)	Dimension (inch)	Material
EA2160-HD	2	1/16	HDPE
EA2180-LD	2	1/8	LDPE
EA2180-HD	2	1/8	HDPE
EA4160-HD	4	1/16	HDPE
EA4160-LD	4	1/16	LDPE
EA4180-LD	4	1/8	LDPE
EA4320-HD	4	1/32	HDPE
EA4320-LD	4	1/32	LDPE
EA4900-LD	4	3/32	LDPE
EA6160-LD	6	1/16	LDPE
EA6180-LD	6	1/8	LDPE



SPECIALTY COMPATIBLE 1/4" NPT NOZZLES

Item Number	Length (inch)	Dimension (inch)	Material	Nozzle Style
EA1050	4	1/2 x 1/16	HDPE	Spreader
EA1050-45	4	1/2 x 1/16	HDPE	45° Spreader
EA1075	4.5	3/4 x 1/8	HDPE	Spreader
EA1100	4.5	1 x 1/8	HDPE	Spreader
EA1175	4	1 3/4 x 1/8	HDPE	Spreader
EA3106	4	3/8 x 1/8	HDPE	Fillet Right Step
EA3206	4	3/8 x 1/8	HDPE	Fillet Left Step





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