

AirFree™ Dispensing Systems

LDS9000™ MDAV Linear Drive System



Available for free 30 day trial

Linear Dispensing Systems™ —

The LDS technology gives you the accurate and repeatable method of positive displacement you want without the headache of pneumatic systems. No need to flush chambers or valves. Formulations stay untouched in safe, silicone-free syringes with this revolutionary new system. Change fluids or volumes with ease.

Unlike pneumatic machines, this intelligent dispensing system knows the syringe's size, volume and the dispense rate. The result: process control that is unachievable with pneumatic systems. For Application Assistance, call 800-433-2115.

- No Air—Electromechanical linear drive system
- Two year fault free warranty
- Posi-Lock™ connector
- 10 memory locations
- For use with 3, 5, 10 or 30cc syringes
- Inert all-plastic fluid container

Syringe Size	3cc	5cc	10cc	30cc
Min. Vol. (cc)	.00045	.00079	.00131	.00257
Max. Vol. (cc)	3.0	5.0	10.0	30.0
Min. Rate (cc/sec)	.011	.020	.033	.064
Max. Rate (cc/sec)	.267	.477	.783	1.543
Max. Pullback (steps)	500	500	500	500
Max. Delay (sec)	9.99	9.99	9.99	9.99

Specifications

Input Voltage: 100 to 240 VAC

Control Unit Size: 5.3" x 8.75" x 7.25";
8.9 x 22.3 x 18.4 cm

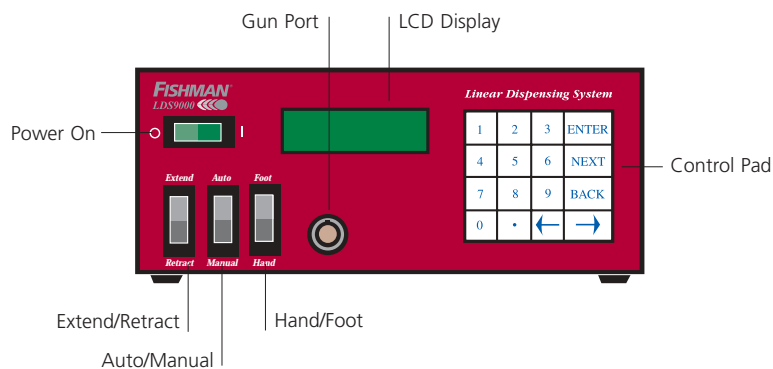
Dispensing Gun Length: 8.5"; 21.6 cm

Models

MDAV 3 or 5' gun cord all fluids

MDAV 3 or 5' gun cord extra-thick pastes

*Available with Starter Kits



Hopkinton, MA 01748 • 800-433-2115 • www.fishmancorp.com

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Model MDAV Linear Drive System

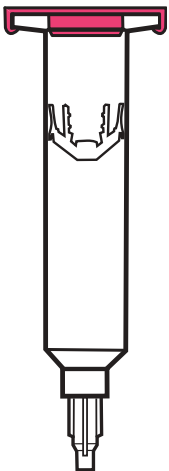
9000 Series Applications

	LDAV	MDAV	SDAV
Thick pastes	*	*	*
Thin watery fluids	*	*	*
Thin cyanoacrylates	●	●	●
Solder paste	*	*	*
Pre-mixed and frozen	*	*	*
Microdots	×	×	*
Bonding and gluing	*	*	*
Potting and filling	*	●	×
Beading and stripping	●	*	*

* Recommended ● Satisfactory × Do not use

AirFree™ Dispensing Components deliver advanced dispensing performance

Fishman's dispensing system components are designed specifically for industrial use, achieving optimized performance from AirFree™ dispensing systems.



Barrel Reservoirs (available in 5 sizes)

- Thickwall design eliminates flexing
- Precision molded zero degree taper assures smooth flow
- Disposable design eliminates need for cleaning

PosiLok™ Pistons

- AirFree™ design featuring patented positive lock piston attachment for positive displacement dispensing
- Precision molded for smooth flow and uniform advance
- Engineered to allow trapped air to escape while sealing in vapors and fluid

Dispensing tips (available in 3 styles)

- Ergonomic Surlock™ design locks securely to the barrel with a simple twist
- Multiple sizes and lengths available to satisfy any dispensing application

Fishman Corporation manufactures in a Certified Silicone Free environment, achieving close tolerance precision in an industrial grade system. Contact our Fluid Dispensing specialists to take advantage of our experience with thousands of successful applications and to pick the right components for your specific application needs. For free samples, go to www.fishmancorp.com/samples.

9000 Series Dispense Starter Kit Contents

	LDAV 3-10cc	MDAV 30cc	SDAV 3-30cc
Foot Pedal, Power Cord	✓	✓	✓
Input Air Hose, Fittings, Foot Pedal, Power Cord	NA	NA	NA
Manual	✓	✓	✓
Test Fluid	✓	✓	✓
Spatula	✓	✓	✓
Funnel	✓	✓	✓
Economy Needle Pack	NA	NA	NA
Needle Kit	✓	✓	✓
AirPulse Adapter Assemblies 3, 5, 10, 30cc – 1 each	NA	NA	NA
AirPulse Adapter Assemblies 3cc and 10cc	NA	NA	NA
AirPulse Adapter Assemblies 10cc only	NA	NA	NA
AirPulse Barrel Reservoirs and Pistons 3, 5, 10, 30cc – 2 each	NA	NA	NA
AirPulse 10cc System Barrel and Piston – 30 each	NA	NA	NA
AirFree Barrel Reservoirs and Pistons 3, 5, 10, 30cc – 6 each	✓	✓	✓
Five Micron Filter Regulator	NA	NA	NA
Five Micron Filter Regulator & Coalescing Filter	NA	NA	NA
AirPulse Barrel Stand	NA	NA	NA
Vacuum Pickup Wand	NA	NA	NA
Finger Switch	○	○	○
3-10cc Dispense Gun 3, 5, 10cc Retaining Rings – 1 each	✓	NA	✓
30cc Dispense Gun 30cc Retaining Ring – 1	NA	✓	✓
AirFree Barrel Stand	✓	✓	✓

Legend: ✓ Included ○ Optional ✓✓ Two Included NA Not Applicable

Request a free 30 Day Evaluation
www.fishmancorp.com/eval

Spec Your System - SpeedSpec™
www.LDS9000.com