



MASTERFLEX®
Drives

L/S®

L/S® Air-Powered Drive

Use where electrical power is unsafe or unavailable

- Flow: 3.6 to 3400 mL/min. Flow rate depends on tubing size.
- The 1/3-hp air motor requires little maintenance. Air motor generates less heat than electric motor.
- Painted steel housing; IP44 rated. Protects from gentle spray.
- ATEX Zone 2 approved; rated to EEx II 3 G c IIC T6

Use this variable-speed air-powered drive whenever electricity is unsafe or impractical. Note: Careful grounding to protect from static electricity is vital for safe operation. Drive meets EU machine directive requirements for CE compliance.

What's included: air/speed regulator with 5-µm air filter, automatic lubricator, 0 to 30 psi pressure gauge, and muffler.



Ideal for hazardous locations

Variable-speed air-powered drive
07569-00

TECHNICAL information!

Drives accept nine different pump head types: Standard, Easy-Load®, Easy-Load® II, Easy-Load® 3, Multichannel, High-Performance, Cartridge, PTFE-Tubing, and PTFE-Diaphragm.



Flow Rates in mL/min (flow rates in parentheses can only be obtained with the High-Performance pump head—see page 1201)

rpm	Precision pump tubing						High-performance precision pump tubing			
	L/S 13	L/S 14	L/S 16	L/S 25	L/S 17	L/S 18	L/S 15	L/S 24	L/S 35	L/S 36
	Standard†, Easy-Load, Easy-Load II, Easy-Load 3						Multichannel‡, Standard, Easy-Load II, Easy-Load 3, High-Performance			
	Cartridge, Multichannel			Cartridge			Easy-Load			
60 to 600	3.6 to 36	13 to 130	48 to 480	100 to 1000	170 to 1700	230 to 2300	100 to 1000 (110 to 1100)	170 to 1700 (180 to 1800)	230 to 2300 (260 to 2600)	290 to 2900 (340 to 3400)

†The Standard pump head is not available for L/S® 25.

‡Multichannel head is not available for L/S® 36. Multichannel and Cartridge heads are available for microbore tubing.

Specifications & Ordering Information

ISO9001:2000
CERTIFIED SUPPLIER



ATEX
Zone 2

2 year
warranty

Catalog number	rpm	Speed control	Pump heads accepted	Motor size	IP rating	Dimensions (L x W x H)	Power	Price
SN-07569-00	60 to 600	±10%	2	1/3 hp (250 W)	IP44	9 7/8" x 4 13/16" x 8 13/16" (25.1 cm x 12.2 cm x 22.4 cm)	3 to 25 cfm (0.08-0.7 m³/min) at 20 to 100 psi (1.4 to 6.9 bar)	

Complete L/S® Variable-Speed Air-Powered Pump Systems

Complete Systems 1, 2 and 3 include:

Pump Head + Tubing + Drive

- | | | |
|---|---|---|
| <p>1 L/S® Easy-Load® II pump head 77200-62 (pages 1198–1199)</p> | <p>Tygon® LFL L/S® 24 tubing 06429-24 10 ft (3 m) (pages 1214–1215)</p> | <p>Air-powered drive 07569-00 60 to 600 rpm (above)</p> |
| <p>2 L/S® ATEX Easy-Load® pump head 07518-40 (page 1209)</p> | <p>N/A††</p> | <p>Air-powered drive 07569-00 60 to 600 rpm (above)</p> |
| <p>3 L/S® ATEX Easy-Load® pump head 07518-42 (page 1209)</p> | <p>N/A††</p> | <p>Air-powered drive 07569-00 60 to 600 rpm (above)</p> |

Ordering Information—Complete Pump System

Key	Catalog number	Description	Flow range (mL/min)	Price
1	SN-77931-10	L/S Air-powered pump system with Easy-Load® II pump head	170 to 1700†	
2	SN-77931-20	L/S ATEX Zone 2 rated air-powered pump system with Easy-Load® pump head 07518-40	3.6 to 2300‡	
3	SN-77931-30	L/S ATEX Zone 2 rated air-powered pump system with Easy-Load® pump head 07518-42	100 to 1700‡	

†Flow range with included tubing.

‡For ATEX pump systems, flow rates will depend on tubing size selected.

††Note: ATEX pump systems do not include tubing; select tubing to be compatible with your fluid and the parameters of your application.



1
77931-10

2
77931-20
(tubing not included)