

Stranco® Dosing and Metering Pumps

LMI® Series Pumps

Introduction

The LMI® Series Pumps are electromagnetically driven diaphragm metering pumps, with only a single moving part, the liquifram armature assembly. The Electromagnetic Power Unit (EPU) installed within the LMI® P, B & C Series Pumps eliminate traditional problems associated with motor and reduction gear type units.

LMI® Series Pumps

The LMI® Series Pumps offer the benefit of inherent pressure limitation, as the design of the pump does not incorporate a mechanical linkage. When the back-pressure exceeds the strength of the EPU, the unit stops pulsing and no damage will occur to the pump. Rugged and durable construction with totally enclosed corrosion-resistant housings of glass-reinforced polypropylene, conforming to IP65 protection standard.

Key Benefits

- Corrosion resistant housing of glass fibre reinforced polypropylene
- Resistant to corrosive attack from all swimming pool chemicals
- Solid state encapsulated electronics
- Easy priming
- Large stock levels of pump models listed
- 95% of spares orders can be despatched the same day
- In-house pump repair service
- Over 30 years experience using LMI® Metering Pumps in swimming pool applications



Product Sheet

Water Technologies

SIEMENS

Model	P125-350S2	P135-390S2	P155-390S2	P165-360S2	B135-360S2	C135-310S2
Output capacity l/h	0.012 - 0.75	0.024 - 1.6	0.038 - 3.8	0.076 - 7.6	0.085 - 17.0	0.17 - 30.4
Vol/Stroke ml	0.06 - 0.22	0.13 - 0.44	0.13 - 0.63	0.2 - 2.84	0.28 - 2.84	0.57 - 5.67
Strokes per minute (adjustable)	1-60	1-60	1-100	1-100	1-100	1-100
Stroke volume	0 - 100%	0 - 100%	0 - 100%	0 - 100%	0 - 100%	0 - 100%
Recommended minimum	30%	30%	20%	20%	10%	10%
Maximum injection pressure bar	10.3	7.6	7.6	3.5	3.4	4.2
Average input power @ max speed	7 watts	7 watts	22 watts	22 watts	29 watts	56 watts
Height (mm)	226	226	226	226	259	259
Length (mm)	218	218	218	218	305	305
Width (mm)	104	104	104	104	145	145
Shipping weight (kg)	3.7	3.7	3.7	3.7	6.9	8.7
Discharge hose size	1/4" OD	3/8" OD	3/8" OD	3/8" OD	3/8" OD	3/8" OD
Product code	P125-350S2	P135-390S2	P155-390S2	P165-360S2	B135-360S2	C135-310S2

A full range of dosing hose, injectors, multi-function valves and storage tanks are also available to compliment these dosing pumps.

Head:

Acrylic (Visual Flow Confirmation)

Fittings:

PVDF

Control:

Adjustable Stroke Length and Speed

Voltage:

230V/1Ph/50Hz

Accessories:

Injection/Anti-Siphon Valve

Foot Valve Assembly

4-Function Valve for;

- Anti-Siphon
- Back Pressure (1.4 bar)
- Priming
- Pressure Relief

Siemens
Water Technologies

Germany
+49 8221 9040
wtger.water@siemens.com

United Kingdom
+44 1732 771777
wtuk.water@siemens.com

USA
+1 856 507 9000
wtus.water@siemens.com

© 2008 Siemens Water Technologies Corp.
Literature Number: ST.440.800.000.IE.PS.1208
Subject to change without prior notice.

LMI is a trademark of Liquid Metronics Inc..

The information provided in this brochure contains merely general descriptions of characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.