

LP, LM-series

description

The L is a family of filling units for liquid products.

The LP is a volumetric piston filler that is washdown design and able to fill products such as liquid soaps, hair

gels, jams, etc.

The LM is a magnetic gear filler that is design for low viscous products such as edible oil, vinegar, soya sauce, etc.



advantage - LP

- ★ Automation-Ready - exclusive upstream and downstream connection!
- ★ filling control by timer or foot pedal
- ★ quick changeover
- ★ stepless volume adjustment
- ★ stainless steel 316L material contact parts
- ★ solid 304 stainless steel construction
- ★ washdown design



(Above) The LP60 volumetric piston filler.

options - LP

- double jacket hopper
- larger hopper
- hopper agitator
- material level sensor
- pneumatic stop valve on spout

technical specifications

	Unit	LP 60	LP 120	LP 250	LP 500
<i>filling range</i>	ml	3 - 60	10 - 120	20 - 250	50 - 500
<i>production cycle/min</i>	ppm		< 50		< 35
<i>accuracy</i>	%		± 2 %		± 2.5 %
<i>hopper volume</i>	litre			10	
<i>machine weight</i>	kg	16	18	23	26
<i>machine dimensions</i>	mm	L890 x W260 x H570	L950 x W260 x H570	L1000 x W260 x H575	L1200 x W300 x H680
<i>compressed air pressure</i>	MPa			0.5	

Preferred Pack®



Turnkey solution

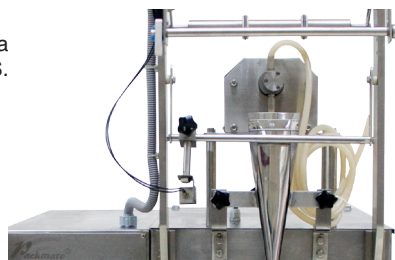
- The above image consist of the following:
1. LM-4S magnetic gear filler with conveyor;
 2. rotary capping machine;
 3. induction sealer;
 4. side labeller;
 5. top labeller
 6. rotary unscrambler & accumulator.

■ advantage - LM

- ★ Automation-Ready - exclusive upstream and downstream connection!
- ★ Titus III human interface with ES clean technology
- ★ 5.7-inch OMRON touch screen
- ★ OMRON PLC
- ★ back suction eliminate dripping
- ★ direct drawn material from ground level
- ★ filling control by timer or foot pedal
- ★ stainless steel 316L material contact parts
- ★ solid 304 stainless steel construction



(Right) The LM-1S installed on a 5 Series Sachet FFS.



■ technical specifications

	Unit	LM 1S	LM 2S	LM 3S	LM 4S
filling speed	litre/min	< 10	< 20	< 30	< 40
filling head		1	2	3	4
production cycle/min	ppm	< 50		< 35	
accuracy	%	± 1.5 %			
machine weight	kg	16	17	18	20
power	kW	0.5	0.6	0.7	0.8
voltage	MPa	220VAC, 50Hz, 1-Ph			