

Equipment

Designation	Part number
eDispense L1K (Yaskawa Motor)	155800010
eDispense L1K (Siemens Motor)	155800000
EasyDispense Controller	♦

Accessories

Designation	Part number
Plug for L1K	155802200
1/2" Fitting for L1K	155802205
3/4" Fitting for L1K	155802210
Inlet and outlet valve for L1K	155802000

eDispense L1K DOSING UNIT

Single component 1300cc

REXSON Dispense / Streaming



CONDENSED POWER TO SERVE PRECISION

- ▶ High volume, high pressure and high flow rate
- ▶ Versatile and compact
- ▶ Long service life even with abrasive materials

Markets



INCOLLARE • PROTEGGERE • ABBELLIRE



eDispense L1K DOSING UNIT

Single component 1300cc

The dosing unit that covers all high viscosity applications in Paint shops for Liquid Applied Sound Deadener, Under or Inner Body Sealing and Coating and Liquid Applied Transfer Coatings.

The L1K dosing unit has been **designed with the objective of covering all high viscosity processes** used in the paint shop: Liquid Applied Sound Deadener, Under or Inner Body Sealing and Coating, Liquid Applied Transfer Coating. Built to maximize the piston stroke in relation to its diameter, **it is at home with both large and small volumes**. At up to 150 cc/s at 250 bar, it covers all known applications expectations. The L1K's dosing chamber which is temperature controlled is made of stainless steel and its Fluorotrel seals allow it to resist all known products over time.

This **versatility** is complimented by a high degree of **compactness** for this type of dosing unit. The angle drive of the motor as well as the integration of the roller screw in the piston allows to optimize the total length of the dosing unit.

The **EasyDispense supervision** can manage up to **two dosing units in parallel** and has many features: Calibration allows you to automatically adapt the regulation to the desired result in a wide temperature and viscosity window. The boost function ensures a constant flow rate even when the gun is opened and even if the gun is several meters away from the dosing unit.



Technical data table

Designation	Value	Unit: metric (US)
Power Supply	3.5 - 5	VAC
Width	300 (11.8)	mm (")
Depth	540 (21.3)	mm (")
Height	1200 (47.2)	mm (")
Maximum Inlet Pressure	250 (3620)	Bar (psi)
Maximum Outlet Pressure	250 (3620)	Bar (psi)
Dispense Volume	1300	cc
Weight	200 (440)	kg (lbs)
Flow Rate (instantaneous)	9000	cc/min
Max Product Temperature	80	°C
Stroke	300	mm
Power supply (depending on motor size)	3.5 - 5	KW



LASD



Streaming



Spraying



Technologie



Description

Performance

- 1 Precision:** a long stroke and high-count encoder that allows a high precision even from small applications. The boost function allows high flow rate stability on remote applicators.
- 2 High flow:** With a maximum flow of 150 cm³/s, the dosing unit covers all range of applications.
- 3 High pressure:** 250 bar maximum pressure for spraying high viscosity products.

Productivity

- 4 Huge capacity without retention area :** An output volume of 1300 cm³ that is fully usable in FIFO with a special displacement piston head shape.
- 5 Optimal feeding speed:** regulation of the supply pressure to accelerate the entry of the product without risk of cavitation.
- 6 Easy integration:** the most compact in its class and great freedom with the choice of connections and orientation of product input and outputs

Sustainability

- 7 Exceptionally long life:** oversized roller screw, hard chrome and triple linear guide with ball sleeves.
- 8 Suitable for all materials:** 100% Stainless steel
- 9 Sealing that's as reliable as it gets:** Pack of three Fluorotrel X-Ring energized seals inserted in a cartridge with lubrication

