

Automatic liquid and paste
Packaging machine
Light • Compact • Low price
Model

FR - 1 SERIES

FR - 1C



- Compact design.
- Effective use of space.

FR - 1C	
Standard functions	* Photocell registration mark control * Film joint detector * Film end detector * Heaters for 2 nd horizontal sealer * Brake unit for film * I-notcher * Cutter (frame removable by one touch) * Adjusting device for film position * Safety devices (interlocked) * Slide for packages made * Adjustable film forming guide * Film feeding device with non-slip roller * Clearance adjusting device for 1 st horizontal sealer * Bag top forming device with motor-driven roller * Indicator for film volume (used/unused) * Storing and setting various data and timings * Operation panel (touch panel)
Storable data	1. Packaging speed 2. Sealing temperature 3. Volume to be filled 4. Package length 5. Position of I-notch 6. Cutting position 7. Registration mark position 8. Printing position 9. Sealing pressures 10. Various timings and many others. Storable up to 30 items.
Option	* Perforation cutter * Divider of packages by preset number * Shutter to accumulate packages by preset number * Various date printers (hot printer, thermal printer, ink jet) * Changeable horizontal seal rollers * Various pumps for filling product * UV sterilizer for film * Clean booth for product filling process * Product sterilizer by heating * Cooling device * Zigzag cutter * Cartoning device
Features	<ul style="list-style-type: none"> ◆ Cutting device is removable by “one-touch”, the same type equipped with ZERO-1 ◆ Appropriate sealing pressure can be registered by means of numerical data for each product. ◆ Shape and width of the horizontal seal, including intricate seal patterns, can be changed simply by changing horizontal seal rollers without removing bearings at both ends. (Option) ◆ Volume to be filled can be registered by setting the number of revolutions of the pump. (Patent granted)

Specification

Model	FR - 1C
Ranges of bag length	55~160mm (with 3-up sealing head) / 45~100mm (with 4-up head)
Film width	MAX : 240mm
Packaging speed	30 ~ 200bags/min MAX 15m/min *
Packaging volume	1~200cc **
Diameter of packaging film	MAX : 450
Dimensions	1,370wide × 850deep × 2250high(mm)
Weight	750Kg
Power supply	3-phase,200VAC 50Hz/60Hz (7.5 KW at peak / 4.0KW on the average)
Air consumption	0.5 Mpa 150NL/min

* : Actual packaging speed will vary depending on specifications of the machine, filling volume, physical properties of the film and product to be packaged.

** : Range of filling volume will vary depending on the volume of product discharged from the pump.