

# JL300

## Precise Metering Dispensing System

Designed for customers that require precision in dispensing.

JL300 can dispense a wide range of fluids; including heated and non-heated liquids and pastes, such as hotmelt adhesives, silicones, polyurethanes, and lubricants. JL300 improves the output accuracy comparing to pneumatic driven cartridge system and 20L/200L melters.

JL300 is capable of using 300 ml cartridge, 20L pail and 200L drum packaging materials; the 20L and 200L adhesive can be supplied by the platen driven pump. Metered by the precise gear pumps, JL300 is able to precisely control the output tolerance within  $\pm 3\%$ . (depending on different materials and applications)



German precision motor has long life span and high accuracy

JL300 comes standard with easy-to-use switches and buttons, and can be equipped with optional Human-Machine Interface (HMI). The dispensing parameters can be easily set or modified, and the indication lights display the machine status. When an error occurs, system will alarm the operator automatically.

JL300 is equipped with an adjustable AC variable-frequency motor. The dispensing function can be set to manual mode or automatic mode. When JL300 is in manual mode, it is easy to troubleshoot during production or maintenance.

### Features

- Easy-to-read and easy-to-set digital motor interface.
- German precision motor has long life span and high accuracy.

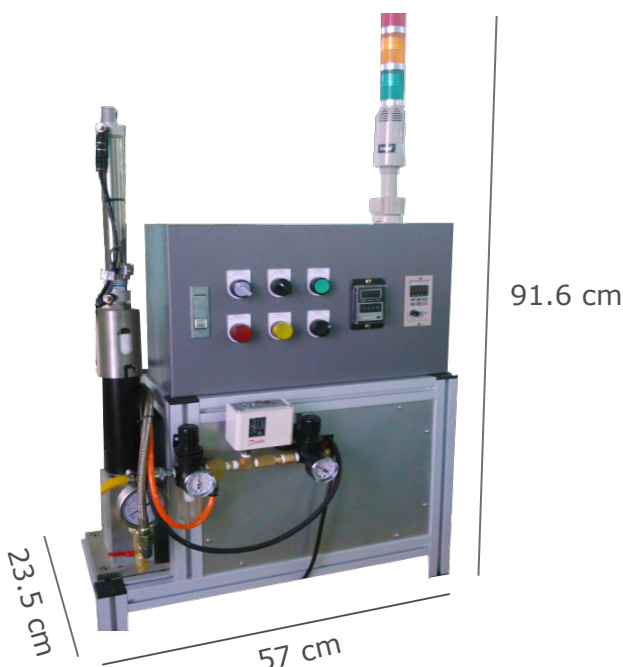


▲ JL300- fed by pneumatic pump

- Heated type JL300 activates its gear pump only when system temperature reaches the setpoint, this prevents pump and motor from damaged.
- System pressure can be monitored by the input and output pressure sensors. Upper and lower limit can be set, alarm will alert operators in abnormal pressure situation.
- Automatic Pressure Relief System prevents overpressure, and protects operators and machine from danger.
- Driven by AC variable-frequency motor, German metering gear pump has a long life span and high precision. The dispensing volume can be adjusted with digitalize accuracy.
- Highly flexible with different adhesive packaging; capable with 300ml cartridge, 20L pail and 200L drum packaging materials.

# JL300 Precise Metering Dispensing System

## Specifications



▲ JL300- fed by cartridge

<b>Type of system</b>	AC variable-frequency motor with gear pump
<b>Control Mode</b>	Switch and button interface/ Automatic or manual mode
<b>Temperature</b>	Non-heated type: Room Temperature Heated type: 40°C to 200°C
<b>Gear pump size</b>	Several options from 0.3cc to 50cc per revolution
<b>Electrical</b>	220 to 240VAC 1 phase/3phase, or 380VAC 3 phase N/PE
<b>Pressure</b>	Maximum pressure is adjustable, no exceed 120 kg/cm <sup>2</sup>
<b>Size</b>	57 cm x 23.5 cm x 91.6 cm (depending on different options and design)
<b>Weight</b>	Approx. 40 kg
<b>Others</b>	Input/Output pressure display: upper limit and lower limit can be set. With Pressure Relief

## Options

- 20L or 200L melter
- XYZ Table



**NORDA** 諾達股份有限公司 Norda Co., Ltd.

### Taoyuan Headquarter

No. 492-14, 6F, Section 1, Wanshou Rd,  
Guishan District, Taoyuan City, 33350  
TEL : +886-2-82097066  
FAX : +886-2-82097022

### Taichung Office

No. 1388, Zhongke Rd, Xitun District,  
Taichung City, 40763  
TEL : +886-4-24510093  
FAX : +886-4-24525302

### Tainan Office

No. 86-13B, Section 6, Antong Rd,  
Annan District, Tainan City, 70970  
TEL : +886-6-2477916  
FAX : +886-6-2477906

### Dongguan (China) Office

4F, C9-10, Huihuang Building,  
Dongcheng M. RD, Dongguan,  
Guangdong, China, 523000  
TEL : +86-769-22508769  
FAX : +86-769-22389407

[www.norda.com.tw](http://www.norda.com.tw)  
EMAIL : [Info@norda.com.tw](mailto:Info@norda.com.tw)

