

Vdose Syringe Pumps



The standard syringe pump includes injection element and controller, and the injection element can be single channel or dual channel. Vdose serial syringe pump can carry out accurate liquid transmission automatically, the system is also programmable with a PC to realize more complicated liquid dosing operations.

- Big TFT display can show the dosing parameters clearly on one screen
- 11 types of syringes can be selected, from 25ul to 50ml, it is easy to change the syringes
- Dosing speed: from 1.25ul/min to 375ml/min
- All parts contacted with the liquid are glass or PTFE, that guarantees the chemical resistance
- The three-port valve can switch automatically to complete the repeating withdrawing and dosing
- The valve ports can be configured for convenient liquid recovery without taking part the tubing
- RS-232/485 digital communication ports available for remote PC or PLC control

Specifications

Model		Vdose2400
Number of dosing channel		Dual Position
Flow Rate		1.25 µl/min~375 ml/min
Precision		≤5 ‰
Weight		9.1 kg
Outer Dimensions (H x W x D mm)		305 x 178 x 330
Syringe	Size	25µl~50 ml
	Material	Glass and Teflon wetted
	Dispense Resolution	1/6000 of the syringe size in use
	Feature	Easily interchangeable
Valve	Material	PEEK
	Feature	3 to 8 selectable ports
Interface Port		RS232 / 485
Electric requirements		110~240V,50/60Hz
Order No.		V900702

Order Information

Order No.	Description
V900702	Dual Position Syringe pump, with dosing unit and controller (need to specify the valve ports and glass syringe volume)
Accessories	
V900700-4	25µL glass syringe with Teflon plunger
V900700-5	50µL glass syringe with Teflon plunger
V900700-6	100µL glass syringe with Teflon plunger
V900700-7	250µL glass syringe with Teflon plunger
V900700-8	500µL glass syringe with Teflon plunger
V900700-9	1mL glass syringe with Teflon plunger
V900700-10	2.5mL glass syringe with Teflon plunger
V900700-11	5mL glass syringe with Teflon plunger
V900700-12	10mL glass syringe with Teflon plunger
V900700-13	25mL glass syringe with Teflon plunger
V900700-14	50mL glass syringe with Teflon plunger
PTFE Tubing and Fittings	
V900700-19	Tubing Length: 6m; Outer Diameter: 1/8"; Includes: 6 nuts and 6 ferrules
V900700-20	Tubing Length: 30m; Outer Diameter: 1/8"; Includes: 6 nuts and 6 ferrules
V900700-21	Tubing Length: 6m; Outer Diameter: 1/16"; Includes: 6 nuts and 6 ferrules
V900700-22	Tubing Length: 30m; Outer Diameter: 1/16"; Includes: 6 nuts and 6 ferrules



WIGGENS GmbH

Gässlesweg 22-24, 75334 Straubenhardt, Germany
Tel.: 0049 7248 4529088

WIGGENS China

Room 303, Hall C, Office Building M8, No.1 Jiuxianqiao East
Road, Chaoyang District, Beijing 100015, China
Tel: +86 400-809-2068
Fax: +86 400-809-2068-112
Email: info@wiggens.com service@wiggens.com
Website: www.wiggens.com