




- Product Introduction

- With ABS engineering plastic housing, streamlined body design.
- Servo motor control, more strong and precise.
- Large flow rate range with HF-UC25 pump head.

- Model Number

HF-LabV6-IV, HF-LabF6-IV, HF-LabN6-IV, HF-LabM6-IV

- Typical Application

 Mainly for laboratory

- Product Composition and Flow Rate Range

Model	Pump Head	Speed Range (rpm)	Tubing Size	Flow Rate (ml/min)
HF-LabV6-IV	HF-UC25	0,1-600	15#, 24#, 35#, 36#	0,3423~6663
HF-LabF6-IV		1-600		3,423~6663
HF-LabN6-IV		0,1-600		0,3423~6663
HF-LabM6-IV		0,5-600		1,7115~6663

- Technical Specifications

Outlet pressure	1.4~27bar	Power supply	AC220V±10 % 50Hz/60Hz (standard) AC110V±10 % 50Hz/60Hz (optional)
Motor type	Servomotor	Drive dimension	261,4x15703x236,9 mm
Communication interface	HF-LabV6-IV/HF-LabF6-IV/HF-LabN6-IV: RS232, RS485 support MODBUS protocol (RTU mode); HF-LabM-IV: RS232 (standard), Hygiaflex communication protocol; RS485 (optional), Modbus protocol (RTU mode)	Drive weight	4,40 kg
		Power consumption	<80W
		Condition temperature	0-40°C
		Relative humidity	<80 %
		IP rate	IP31

Drive	Model	Display	Operating mode	External control signal	Motor Status Output Interface
HF-LabV6-IV	Intelligent flow rate type	4.3"-industrial-true color LCD Screen	Touch screen + Mechanical keypad	External speed control signal: 0-5V, 0-10V, 4-20mA for option; Start/Stop: Passive switch signal, such as foot pedal; Active switch signal: 5V (standard), 12V, 24V (optional)	open-collector output
HF-LabF6-IV	Intelligent dispensing type	4.3"-industrial-true color LCD Screen	Touch screen + Mechanical keypad	Start/Stop: Passive switch signal, such as foot pedal; Active switch signal: 5V (standard), 12V, 24V (optional)	No
HF-LabN6-IV	Standard flow rate type	3.2"LCD Screen	Mechanical keypad	External speed control signal: 0-5V, 0-10V, 4-20mA for option; Start/Stop: Passive switch signal, such as foot pedal; Active switch signal: 5V (standard), 12V, 24V (optional)	No
HF-LabM6-IV	Standard type	3 digital LED	Mechanical keypad	External speed control signal: 0-5V (standard) 0-10V, 4-20mA (optional); Start/Stop: Passive switch signal, such as foot pedal; Active switch signal: 5V, 12V (optional), 24V (standard)	No