

High Accuracy Dispensing Pump

High IP rate(IP54). DC brushless motor drive. Dispensing accuracy varies about 0.5%. Capable of accepting bottle-less signal and stop filling accordingly.

WF600

Recommended dosing volume:
5mL, 7mL, 10mL, 25mL, 50mL, 100mL

Features

- High accuracy dispensing. Accuracy varies about 0.5%. Multiple operation mode for selection.
- Large screen LED display in English and Chinese. Featured with calibration and batch transfer.
- Maintenance-free DC Brushless Servo Motor. Close-loop control. Quiet operation.
- The housing is covered with special coating which makes the housing antiseptic and easy to clean.

Applications

- Dispense culture medium
- Dispense coffee additive
- Dispense coloring agent for seasoning product



Pump Head: II -YZ15

Pump Head: TH16



Pump Head: IV-KZ15

Pump Head: YZ25



Console panel

Product Information

Specification

Speed	0 ~ 600rpm
Speed accuracy rate	0.1 rpm
Speed control	Buttons on console panel
Display	LCD screen display
Remote control	Start/stop
Communication protocol	RS-485
Power supply	AC220V \pm 10% 50/60Hz
Power consumption	\leq 115W
Working environment	Temperature -10~50°C, humidity<90%
Drive dimension	250mmx145mmx165mm
Drive weight	5.2kg

Prefluid Application Example

Requirement:

A culture medium manufacturer needs to dispense 20ml product within 2 seconds or shorter, 20 times a minute. The accuracy tolerance varies about 1%.

Solution:

Using WF600 drive with dual YZ15 pump head, the client achieved the requirement of low and high flow rate. WF600 is designed with powerful DC motor. Multiple channel guarantees high accuracy.

Ordering Information

Product code	Model	Drive	Pump head	Tubing	Flow rate range for reference (ml/min)
78600-14	WF600-YZ15		YZ15	14# 19# 16# 25# 17#	1.5-1680
78600-KF	WF600-KZ15	WF600	KZ15	13# 14# 19# 16# 25# 17#	1.2-1686
78600-20	WF600-YZ25		YZ25	15# 24# 35# 36#	1.5-2736
78600-T2	WF600-TH16		TH16	14# 19# 16# 25# 17# 18#	0.38-2184