

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.

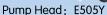
WF350

Recommended dosing volume: 0.5mL, 1mL, 2mL, 2.5mL, 5 mL, 10mL, 20mL

Features

- Maintenance-free DC Brushless Servo Motor. Close-loop control.
- 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.
- The housing is covered with special coating which makes the housing antiseptic and easy to clean.

1P54 5 year warranty CE WASHDOWN





Console panel



Pump Head: TH16

Applications

- Minuteness fluid dosage
- Freeze-dried powder dispense
- Dispense culture medium

Product Information

Specification

Speed	0 ~ 350rpm		
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 ± 10 % 50/60Hz		
Power consumption	≤230W		
Working environment	Temperature −10~50°C, humidity<90%		
Drive dimension	300mmx300mmx215mm		
Drive weight	11kg		

Prefluid Application Example

Requirement:

To transfer 0.62ml of the rabies vaccine and influenza vaccine, the client required high accuracy and quick dispensing. The process must meet GMP criteria.

Solution:

High accuracy, small dosing volume mode of WF350 is designed with maintenance—free servo motor drive which performs stable and accurate operation. The E505Y pump head uses Y—shape tubing connection which provides high accurate dispensing feature. Easy tube changing and loading. Meets GMP criteria.

Ordering Information

Filling vol.	Recommended speed	Recommended tubing	Filling time	Accuracy
0.5ml	135rpm	0.8×2.4	0.4s	≤ ± 2%
1ml	167rpm	0.8×2.4	0.4s	≤ ± 1%
2ml	281rpm	1.6×2.4	0.4s	< ± 170
5ml	255rpm	2.4×2.4	ls	≤ + 0.5%
10ml	275rpm	4.8×2.4	1.2s	< ± 0.5 %

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