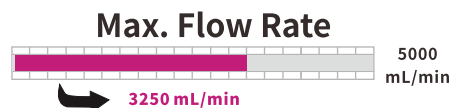


General speed pump

GS650-1B GS400-1B GS200-1B



- The touchscreen combined with the physical buttons ensures simple, smooth, and reliable operation.
- Up to 65,000:1 turndown ratio with $\pm 0.1\%$ speed accuracy.
- Supports simultaneous multi-source control.
- Built-in three-level user access ensures operational safety.

Product model	GS200-1B	GS400-1B	GS650-1B
Speed range	0.01-200rpm	0.01-400rpm	0.01-650rpm
Speed resolution	0.01rpm (<100rpm) ;0.1rpm (≥100rpm)		
Speed accuracy	±0.1%		
Time based dispensing count	0-999999,0 for unlimited		
Interval time	0.1s-9999h		
Running time	0.1s-9999h		
Display	3.5-inch color LCD screen shows parameters and statuses, such as pump speed, time, etc.		
Running Direction	Clockwise and counterclockwise		
Work mode	1.Continuous mode: displays the pump speed 2.Time mode: supports repeatable time based dispensing		
Control mode	Touchscreen+ keypad control; foot switch control; external signal control; communication control. Multiple sources can be enabled simultaneously.		
External control	Start/stop control, direction control: 5V-24V logic level signal or relay signal (dry contact) Speed control: 4-20mA, 0-5V, 0-10V, 0-10kHz, the signal range and speed range can be configure on the pump.		
Communication control	RS485 interface, Modbus RTU protocol or Longer OEM protocol		
Status outputs	Pump speed: 10Hz/rpm, OC gate frequency signal Running/stop: 24VDC/ 0.1A relay, open for stop Running direction: 24VDC/ 0.1A relay, close for clockwise Other alarms: 24VDC/ 0.1A relay, close for alarms		
User access control	Three levels of user accesses management, configurable to enabled or disabled		
Key & screen Lock	The physical buttons and the touchscreen can be locked to prevent misoperation		
Pump status when powered up	The pump defaults to a stopped status on power-up. In continuous mode, the pump can be configured to resume the status before power-off.		
Prime	Fast filling or emptying at a user-configurable max speed.		
Power supply	AC100-240V 50/60Hz		
Power consumption	25W	45W	65W
IP rating	IP31		
Dimensions (LxWxH)	225x145x165mm		
Weight (drive only)	2.65kg	2.85kg	
Operating condition	Environment temperature: 0°C-40°C, relative humidity:<80%		

Pump Head	Tubing	Max Flow Rate Reference (mL/min) (Single Channel)		
		GS200-1B	GS400-1B	GS650-1B
YZ1515X (3rollers)	13# 14# 19# 16# 25# 17# 18#	730	1460	2350
YZ1515X (6rollers)	13# 14# 19# 16# 25# 17# 18#	320	640	960@600rpm
YZ2515X	15# 24#	530	1060	1730
YZ15-13X (YZ II 15)	13# 14# 19# 16# 25# 17# 18#	730	1460	2380
YZ25-13X (YZ II 25)	15# 24# 35# 36#	1000	2000	3250
DMD15-13	13# 14# 19# 16# 25#	690	1380	2240
FG15-13	13# 14# 19# 16# 25# 17# 18#	800	1600	2600
FG25-13	15#24#	730	1460	2380
DG-1/2/4/6/8 (6rollers)	ID $\leq$ 3.17mm Wall Thickness 0.8mm-1.0mm	48@100rpm	48@100rpm	48@100rpm
DG-1/2/4 (10rollers)	ID $\leq$ 3.17mm Wall Thickness 0.8mm-1.0mm	32@100rpm	32@100rpm	32@100rpm
DG15-24	16# 25# 17#	600	1200	1950
DG15-28	13# 14# ID $\leq$ 3.17mm, Wall Thickness 0.8mm-1.0mm	75@100rpm	75@100rpm	75@100rpm