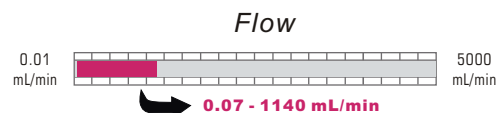


Dispensing Peristaltic

DBT300-1F

Applicable pump heads for DBT300-1F are DYZ1515x, DYZ2515x, DYZII15, DYZII25. The pump delivers flow rates from 0.07 to 1140 mL/min. 128 x 64 graphic LCD displays running menus and parameters setting menus. The display interfaces are friendly. It has many control modes. The external control can be realized through standard external control interface or RS485 communication interface.



Applicable Pump Heads



DYZ1515x
DYZ2515x



DYZII15
DYZII25

Specifications

- Speed:** 1 to 300 rpm, reversible
- Speed precision:** 1 rpm
- Speed control:** Rotary encoded switch coupled with membrane keypad
- Display:** 128×64 graphic LCD displays flow rates, speed or dispensing mode
- Copy number:** 1 to 999
- Dispense volume:** 0.1 mL to 99.9 L
- Pause time:** 1 to 999 s
- Back suction angle:** 0 to 360° 18° increments
- External control:** Start/stop and cw/ccw control, 0 to 5 V, 0 to 10 V, and 4 to 20 mA speed control
- Communication interface:** RS485
- Power supply:**
AC 220 V ± 10% 50/60 Hz(standard)
AC 110 V ± 10% 50/60 Hz(optional)
- Power consumption:** < 50 W
- Operating condition:** Temperature 0 to 40 °C
Relative humidity < 80%
- Dimensions (L × W × H):** 202×160×239(mm)
- Drive weight:** 4.3 kg
- IP rating:** IP 31

Functions and Features

- Acceptable pump heads: DYZ1515x, DYZ2515x, DYZII15, DYZII25
- Set pause time to realize dispensing and filling automatically
- Display can switch between flow rates and rpm
- Calibration function to acquire more accurate flow rates
- RS485 communication interface available. Offering communication protocol to customer and customizing software according to customer's requirements.



Drive	Part Number	Pump Head	Tubing	Flow Rates(mL/min)	Weight(kg)
DBT300 - 1F	D0502322	DYZ1515x DYZ II15	13# 14# 19# 16# 25# 17# 18#	0.07 - 1140	4.7
	D0502325	DYZ2515x DYZ II25	15# 24#	1.7 - 870	4.7