



### • Technical Specifications

### • Features

- Plastic coated metal housing, compact structure.
- Timing function, the time range of 0.5-999s, can be used for simple dispense.

### • RS232, RS485 Communication Interface

- Support Hygiaflex communication protocol or standard.
- Modbus communication protocol (RTU mode).

Flow rate range	HF-BT100N: 0.000829~570 ml/min	Start/stop, reversing signal	Passive switch signal, such as foot pedal Active switch signal: 5V, 12V, 24V for option
	HF-BT300N: 0.000829~1330 ml/min		
	HF-BT600N: 0.000829~2280 ml/min		
Speed resolution	0-100rpm, 0.1rpm	Communication interface	RS232(standard),Hygiaflex-N232, Communication protocol; RS485(optional), Modbus protocol(RTU mode)
	100-600rpm, 1rpm		
Testing time range	0.5s-999s	Power supply	AC 220V±10% 50Hz/60Hz (standard) AC 110V±10% 50Hz/60Hz (optional)
Display	LED Display	Drive dimension	183×131×194 mm
Control method	Mechanical keypad	Drive weight	4.20 kg
Keypad lifetime	300,000 times	Power consumption	<50W
External speed control signal	0-5V (standard), 0-10V, 4-20mA (optional)	Condition temperature	0-40°C
		IP rate	IP31
Relative humidity	<80%		

## HF-BT100N, HF-BT300N, HF-BT600N

- Product Composition and Flow Rate Range

Standard Peristaltic Pump		Pump Head&Flow Rate (ml/min)			
		HF-YZ1515x	HF-YZ2515x	HF-MC1~HF-MC12(10)	HF-MC1~HF-MC12(6)
Tubing		13#, 14#, 19#, 16#, 25#, 17#,18#	15#, 24#	Inner diameter: 0.13-3.17mm Wall thickness: 0.8-1mm	
Drive&Speed					
HF-BT100N	0,5-150 rpm	0.035~570	0.85~435	0.000829-49(suggestion working speed≤150rpm)	0.000925-65(suggestion working speed≤150rpm)
HF-BT300N	0,5-350 rpm	0.035~1330	0.85~1015		
HF-BT600N	0,5-600 rpm	0.035~2280	0.85~1740		