

Intelligent Dispensing Peristaltic Pump

- High Precision • High Flow • Easy Control • Support Wifi

300—
APPROX



BT300F

ISO9001-2015 CE

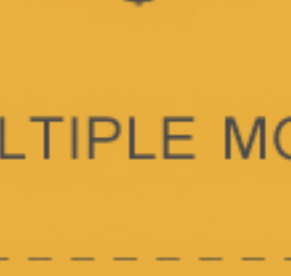
OUR ADVANTAGE



WIDELY USED



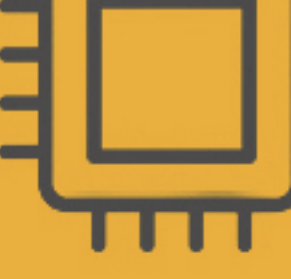
STEPPER MOTOR



EASY CONTROL



WIFI CONTROL



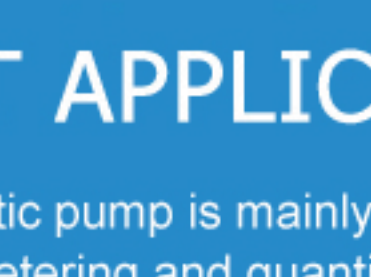
ANTI-INTERFERENCE



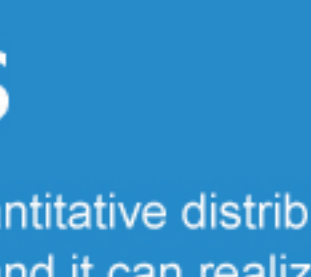
MULTIPLE MODES

LCD

TOUCH SCREEN



IMPORTED PROCESSOR



CONVECTION FAN

PRODUCT APPLICATIONS

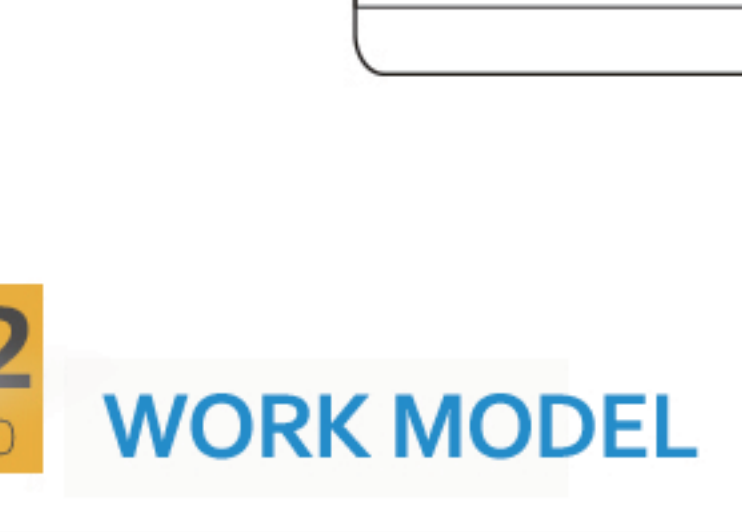
BT300F intelligent dispensing peristaltic pump is mainly suitable for quantitative distribution of various complex liquids, accurate metering and quantitative feeding, and it can realize high-precision flow transmission control. RS485 communication, compatible with Modbus protocol, easier to connect with other control equipment such as computer, man-machine interface, PLC, etc



SEIKO CRAFTSMAN

DETAIL DETERMINES QUALITY

01
ONE



4.3 INCH LCD SCREEN

Touch screen with button operation



02
TWO

WORK MODEL

It has standard functions such as start and stop, forward and reverse rotation, full speed, suction back, regular start and stop, etc



03
THREE

CORRECT FLOW

Guided flow correction function, easy to use



04
FOUR

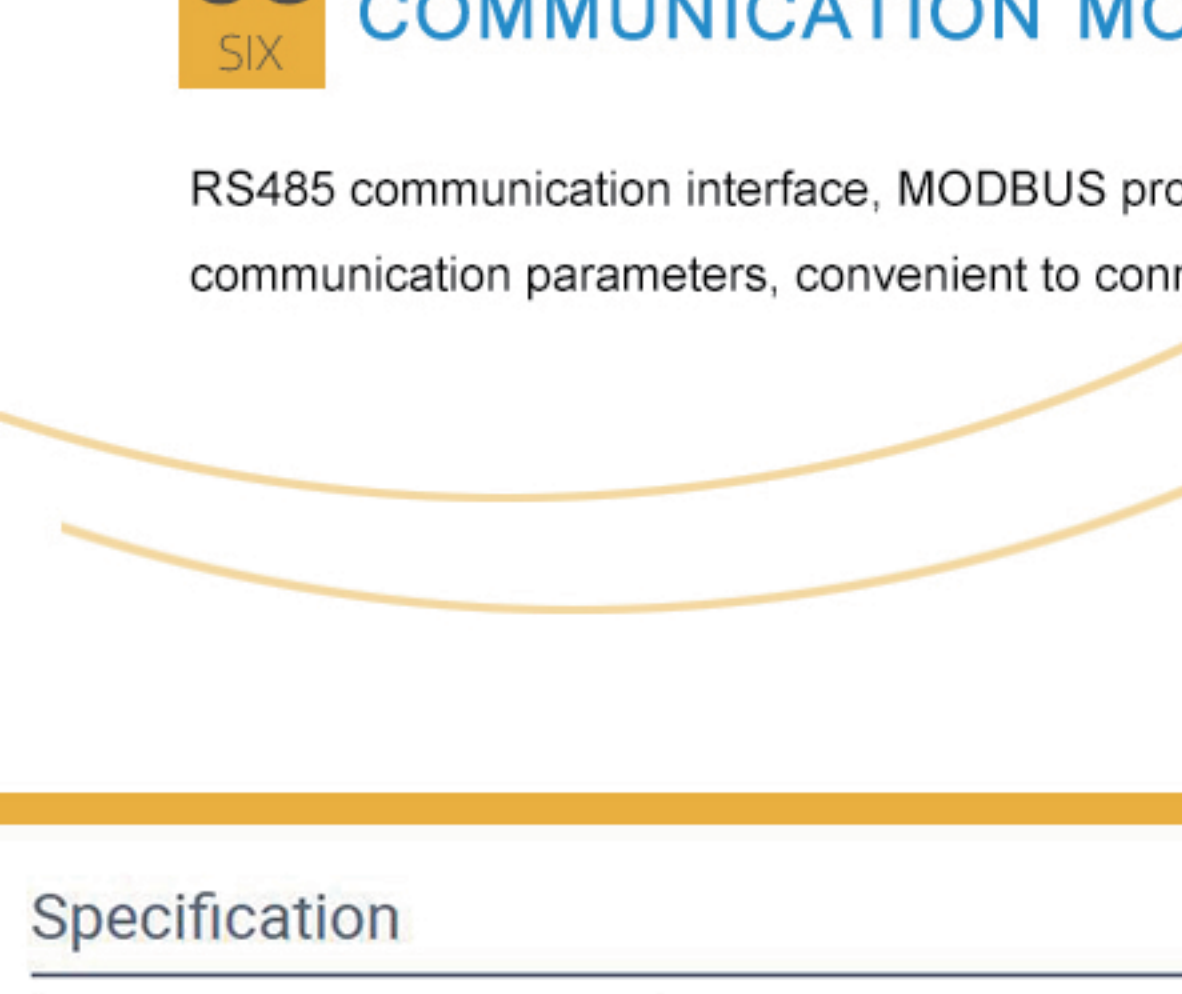
WORK MODES

- Working modes: flow rate, time dispensing, volume dispensing, programming dispensing (cycle).
- Five sets of dispensing parameters for volume and time dispensing pre-storage
- Programming mode supports 30 different quantitative parameter settings for complex control processes.

05
FIVE

SUPPORT WIFI

Remote operation can be realized through the Lead Fluid APP software, and has monitoring functions such as shutdown alarm and reminding to replace the pump tube.



06
SIX

COMMUNICATION MODE

RS485 communication interface, MODBUS protocol is available, can set up communication parameters, convenient to connect various of control equipments.

Specification

Technical parameters	BT300F-YZ15
Flow range	0.006 ~ 990 mL/min
Speed range	0.1-350 rpm
Speed resolution	0.1 rpm
Dispensing volume	0.05mL ~ 9999L
Dispensing time	1 ~ 9999 , "0" Infinite cycle
Dispensing interval time	0.1 ~ 999.9 S/Min/H., time unit adjustable
Speed accuracy	< ±0.2%
Power supply	AC100 ~ 240V , 50Hz/60Hz
Power consumption	< 50W
External control	External control input level 5V, 12V(standard), 24V (optional) External control analog 0-5V(standard), 0-10V, 4-20mA (optional)
Communication interface	RS485 communication interface, MODBUS protocol is available Temperature 0 ~ 40°C, Relative humidity < 80% IP31 (L×W×H)269mm×160mm×183mm

Flow Parameters

Drive Type	Pump Head	Channel Number	Tube (mm)	Single Channel Flow Rate (mL/min)
BT300F	YZ15	1, 2	13#14#16#19#25#17#18#	0.006 ~ 990
	YZ25	1, 2	15#24#	0.16 ~ 990
	DT15-14	1	19#16#25#17#	0.006 ~ 1300
	DT15-24	2	19#16#25#17#	0.006 ~ 1300
	DT15-44	4	19#16#25#	0.07 ~ 770
	YT15	1, 2	13#14#16#19#25#17#18#	0.006 ~ 1300
YT25	1, 2	15#24#35#36#	0.16 ~ 1690	

BT300F PUMP WITH DIFFERENT PUMP HEAD



DIMENSIONAL DRAWING

单位: (mm)

