

ON103C

PRODUCT DESCRIPTION

Medium Flow Digital Transfer Peristaltic Pump



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It is used for small and medium flow transmission in hydroponics, laboratory, medical sampling, etc.

Max flow
380mL/min

Max speed
100rpm



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ON103C is a medium flow digital transfer peristaltic pump. It adopts key operation, 4-digit LED digital display of current speed, and has various functions such as power-off save, direction control, one-key full speed, etc. It supports different external controls such as RS485/MODBUS communication protocol. It is suitable for a variety of pump heads such as YZ、 DG、 BZ series, etc., to meet different work needs.

Small size

Compact and small size for space-saving use.

Easy to operate

Easy operation with physical buttons for start/stop/direction/rpm control.

External control function

Support RS485/MODBUS communication protocol, the protocol can also be customized according to user requirements.

Beautiful and durable

The surface of the shell adopts electrostatic anticorrosive spraying treatment, pearl white. Visually beautiful, delicate touch, anti-corrosion and durable.

Low noise operation

Low noise and vibration during pump operation, experimental environment.

Adapt to multiple pump heads

Various pump heads such as TX215, YZ、 DG、 BZ series can be installed.

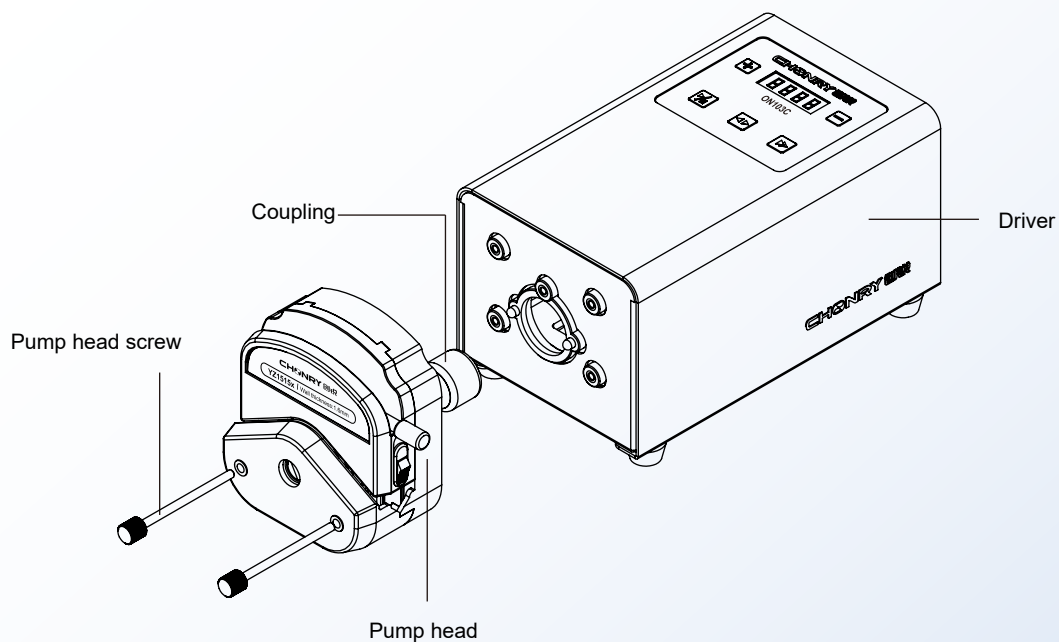


Technical parameter

Drive model	ON103C
Max Speed	100rpm (reversible)
Speed resolution	0.1rpm
Max flow	380mL/min
Speed mode	Membrane key speed regulation
Display method	4-digit LED displays current speed or flow
Working power	AC100V-240V,50Hz/60Hz
Power consumption	< 20W
Drive size	200X120X110.5(mm)
Drive weight	2.3kg
Protection class	IP31
External control interface (The function needs to be customized)	Start/stop control / direction control / speed control (0-5V, 0-10V, 4-20mA , 0-10kHz optional) RS485 serial communication

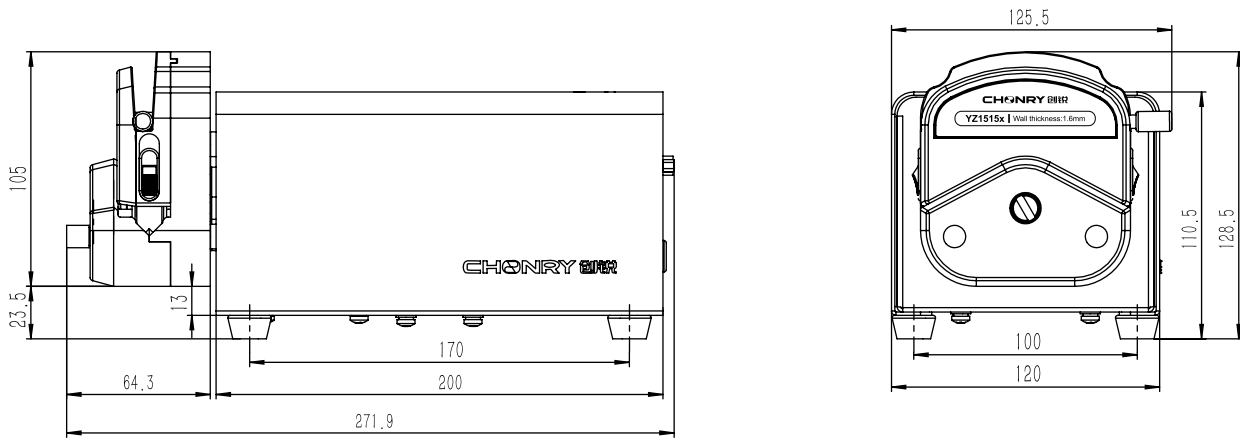
Schematic diagram of structure and function

Pump head screw → Pump head → Coupling → Driver



Dimensions

● ON103C



(Unit: mm)

* Technical parameters are subject to change without notice.

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