

## GN10 High-Pressure Corrosion-Resistant Pump Head

- GN10 high pressure corrosion resistance pump head suitable for PTFE tube, excellent chemical resistance, suitable for strong acids, strong bases and various organic solvents, especially suitable for small flow transmission of liquids that cannot be transmitted by ordinary peristaltic pumps.
- Using aluminum alloy and POM material, excellent mechanical properties.
- Adjustable pressure tube clearance, locking structure design, the max adaptive outlet pressure is 0.68MPa.
- Easy and quick tube installation, lower running noise compact and beautiful appearance.



Locking structure  
Adjustable pressure tube clearance

### Flow Parameter

Tube material: PTFE	Wall : 0.76mm	
ID(mm)	2.48	4.48
mL/rpm	0.04	0.21
mL/min (Continuous working max100rpm)	4	21
mL/min (Continuous working max300rpm)	12	65

- ★ Above parameters are obtained by using silicone tube to transfer pure water under normal temperature and pressure, in actually using it is effected by specific factors such as pressure, medium. Above for reference only.

### Specification

Speed range	<300rpm
Max flow rate	65mL/min
Tube size	2.48x0.76mm \ 4.48x0.76mm (PTFE)
Channel	1
Roller	6
Pressure tube structure	Adjustable pressure tube clearance
Transmission pressure	≤0.68MPa
Suction stroke	Not higher than 2 meters
Temperature	Temperature 0~40°C, humidity<80%
Dimension	82x130x65mm
Pump head weight	0.92kg

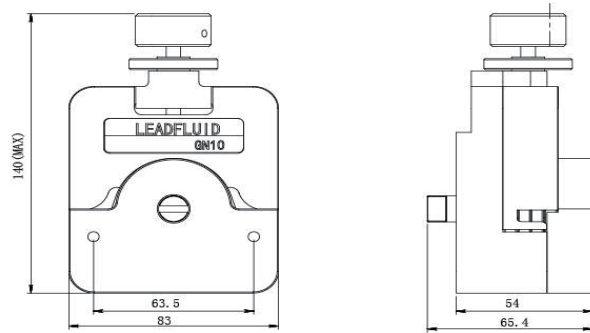


Easy and quick tube installation

6 rollers

## Dimension

UN: mm



## Tube Lifetime Table

Tube	Lifetime (100RPM)
PTFE	500H

### Important tips: :

- A. For longer tube lifetime, choose thicker wall tube and low speed.
- B. For larger flow, choose larger ID tube and in high speed.
- C. For higher precision, choose smaller ID tube and medium to high speed.

Statement: The final explanation right of above information belongs to Lead Fluid.

