

The TP1200 peristaltic pump offers exceptional performance through a smart and simplified design. Each component integrates multiple functions to ensure reliability and efficiency. Featuring durable Japanese-made geared motors, a precision rotor assembly, and easily replaceable pump tubes with quick-release fittings, it guarantees smooth operation. The transparent engineering plastic cassette allows instant visual checks and provides excellent chemical and weather resistance, making the TP1200 ideal for demanding industrial applications.

- Super Engineering Plastics
- Easy mounting panel (Option)
- Free mounting configuration
- Easy Setting
- Motor Variation



"MAIN APPLICATIONS"

- Analytical Equipment
- Car Wash Equipment
- Food Processing
- Warewashing Equipment
- Laundry Equipment
- Printing Equipment

TECHNICAL INFORMATION

Liquid Temperature Range	5 to 50°C (41°F to 122°F)
Flow Rate MAX	1400 ml/min
Tubing Material	See chart below
Specified environment temperature range	0 to 50°C (32°F to 122°F)
Specified ambient humidity range	20% to 80% (with no condensation)

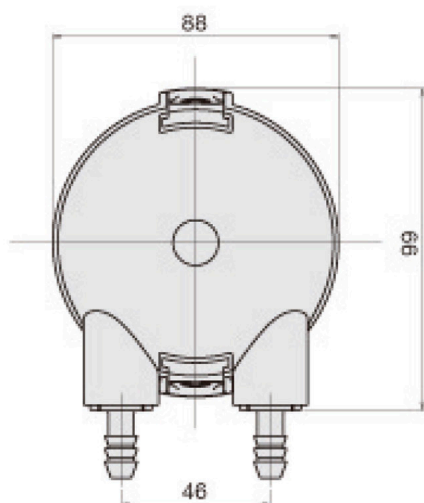
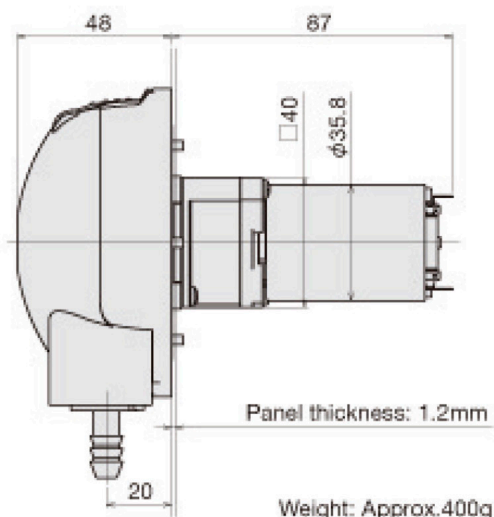
TUBE TYPE

P
PHARMED BPT

N
TYGON A-60-G
(Norprene A-60-G)

NF
TYGON A-60-F
(Norprene A-60-F)

DIMENSIONS



A maximum of 1400 ml/min with a simple design and high performance.



A simple configuration is achieved by incorporating multiple functions into each part.

Simple configuration

TP1200 peristaltic pumps use parts manufactured entirely using high-quality Japanese technology. The pumps meet a wide range of needs to 1000-1400 mL per minute by using various combinations of parts.

Fitting

Insertion-type fittings for easy removal. Tube replacement can be done easily. Choose from various types of fittings according to application.

Rotor Assembly

Base

Geared Motor

The gears are designed and developed in-house. The uniquely-configured resin planetary gear, with its excellent durability, is highly regarded. The motors used are manufactured by domestic Japanese companies with stable quality.

Pump Tube

A wide range of tubes are available. Choose the materials and size according to application.

Cassette

The highly-transparent clear body enables the pump motor status to be checked at a glance. Super engineering plastic is used as the cassette material. The highest levels of weather and chemical resistance are realized.

Easy mounting panel (Option)

The unit can be mounted by tightening screws easily.



Super Engineering Plastics

Super engineering plastics, having excellent corrosion resistance, are used for the main pump parts and enable the pumps to be used with strong acids, strong alkalis, and chemical solutions that erode general-purpose plastics. The heat resistance is also excellent, use in various environments can be supported.



*The chemical resistance is not guaranteed for all kinds of solutions. Please ask availability before using.

UL/CE/NSF/standards obtained, RoHS compatible, registered Japanese artisans, US patent obtained

Free mounting configuration

As the cassettes can be mounted and removed manually without using tools, maintenance such as tube replacement can also be performed speedily.

