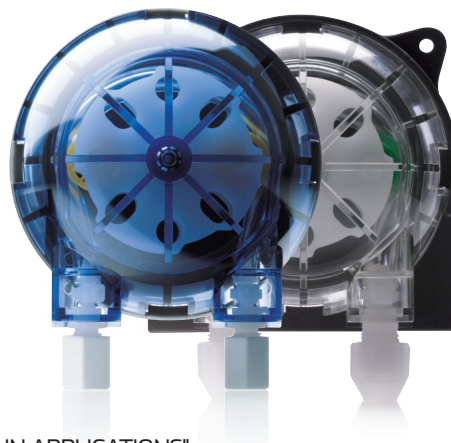


TP1000 is a high-performance peristaltic pump, expertly designed on functional elegance and performance. The Good Design Award was conferred for the outstanding design, featured by tool-free installation and tube replacement. Ideal for various applications, from car washing to printing industry, from food processing to laundry and warewashing systems. We do always envision the needs, upon designing a pump model.

- Compact size
- Simple Configuration
- Handy Mounting
- Easy Setting
- Motor Variation



"MAIN APPLICATIONS"

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

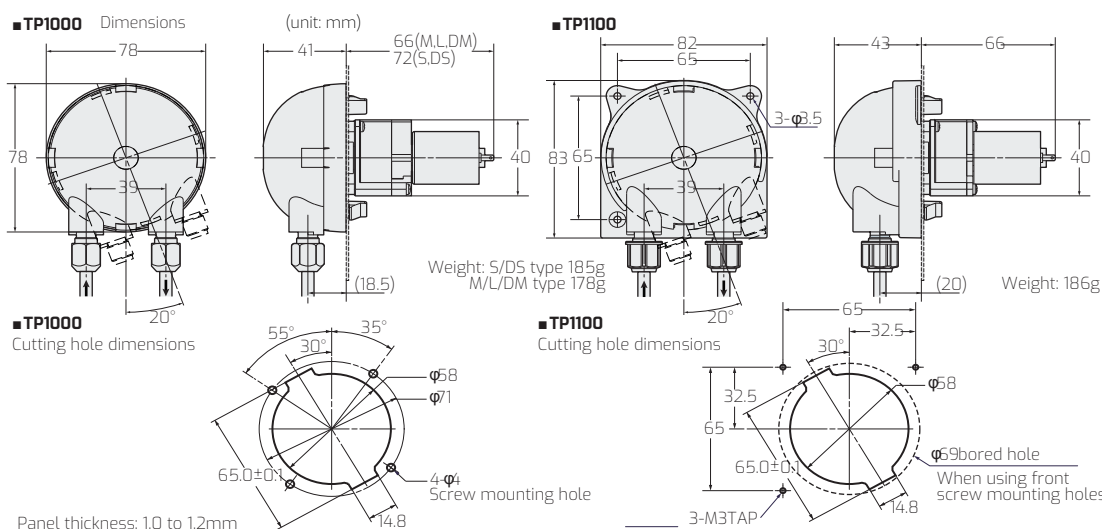
TECHNICAL INFORMATION

Liquid Temperature Range	5 to 50°C (41°F to 122°F)
Flow Rate MAX	700 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	N	NF	S	F	U	EL	XL	W
PHARMED BPT	TYGON A-60-G (Nor- prene A-60-G)	TYGON A-60-F (Nor- prene A-60-F)	TYGON 3355/3350	Versilon F-5500-A (Fluran F-5500-A)	Versilon 2001 (TYGON 2001)	TYGONS3 E-LFL (TYGON E-LFL)	TYGO- PRENE XL-60	W Tube

DIMENSIONS



Colors and sizes of actual products may differ slightly due to printing condition.

High-performance concealed in a simple and smart design.

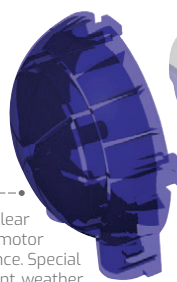
A simple configuration is achieved by incorporating multiple functions into each part.

Simple configuration

TEOREMA peristaltic pumps use parts manufactured entirely using high-quality Japanese technology. The pumps meet a wide range of needs to a maximum of approx. 700ml per minute by using various combinations of parts.

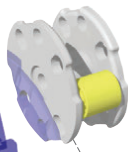
Cassette

The highly-transparent clear body enables the pump motor status to be checked at a glance. Special nylon materials with excellent weather and chemical-resistant abilities are used.

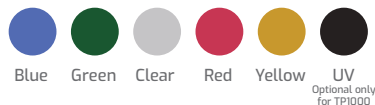


Rotor Assembly

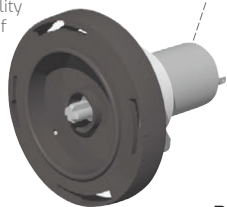
The multi-configuration rotor can accommodate various needs. Two or four rollers.



TP1000



Base



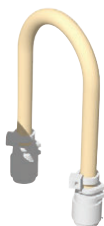
Geared Motor

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, from original tubes developed in-house to general-purpose tubes. Choose the materials and size according to application.

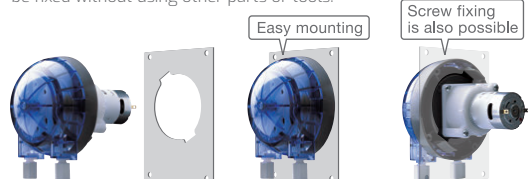


Fitting

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

Enables one-touch mounting without using tools Easy setting configuration

Performing the specified shape processing on the mounting parts enables an all-in-one "easy setting mechanism", which can be mounted merely by inserting the main unit to the base. The unit can be fixed without using other parts or tools.



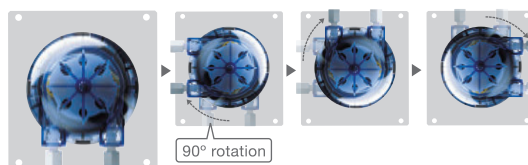
Maintenance can be performed without using tools Handy mounting configuration

A "handy mounting mechanism", which applies a bayonet configuration that is also used in mounting and removing camera lenses, is used in the base. As the cassettes can be mounted and removed manually without using tools, maintenance such as tube replacement can also be performed quickly and easily.



The angle can be adjusted freely while the base is still mounted Free mounting configuration

Even after mounting, the cassette alone can be adjusted freely through a 90° angle, increasing design freedom.



Various motors can be mounted according to need Motor variation

The lineup also includes various types of motor for mounting, such as 12 and 24VDC low-speed and high-speed motors, AC motors, stepper motors, brushless motors, etc.



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