

PERIPRO® Tube Pump

Efficient, High Performance, Easy to Maintain

Dosing and metering with maximum precision and reliability.

The PERIPRO® Tube Pump is a precise, reliable, and extremely low maintenance alternative to more complex dosing systems. It's the perfect choice for low-flow, low-pressure, industrial applications.

Product features

- Ideal for tough, low-flow, low-pressure applications.
- Industrial geared motor. Designed for high-performance and 24/7 operation.
- No complex, unnecessary or costly electronics needed.
- Hermetically sealed and ideal for harsh chemicals and critical applications – no chemical leak path.
- Every pump equipped with leak detection.
- Tube is only wear part and is replaceable in minutes.



Model Size	Max Flow Rate		Max Temperature		Discharge Pressure (max)		Capacity		Max Suction Capability		Tube ID		Flange Connection*
	gph	l/h			psi	bar	g/rev	l/rev	ft.w.c	m.w.c			
TI 4 / 0.01	6.6	25	176 °F	80 °C	60	4	0.0011	0.0042	26.25	8	0.197"	5 mm	5 mm

*Connection Materials: PP, SS-316

Advantages

- High suction capability. Dry prime, dry running and high suction capacity allows the pump to work with precision in very difficult suction or off-gassing conditions.
- No suction or discharge valves required.
- No moving parts contacting product.
- Dosing of viscous, abrasive off-gassing products.
 - No check valves to clog
 - Polymers
 - Lime slurries
 - Sodium hypochlorite
- Consistent and repeatable volume per revolution.
- Linear relationship between pump speed and flow rate, regardless of changes in working pressure.
- Reversible flow.

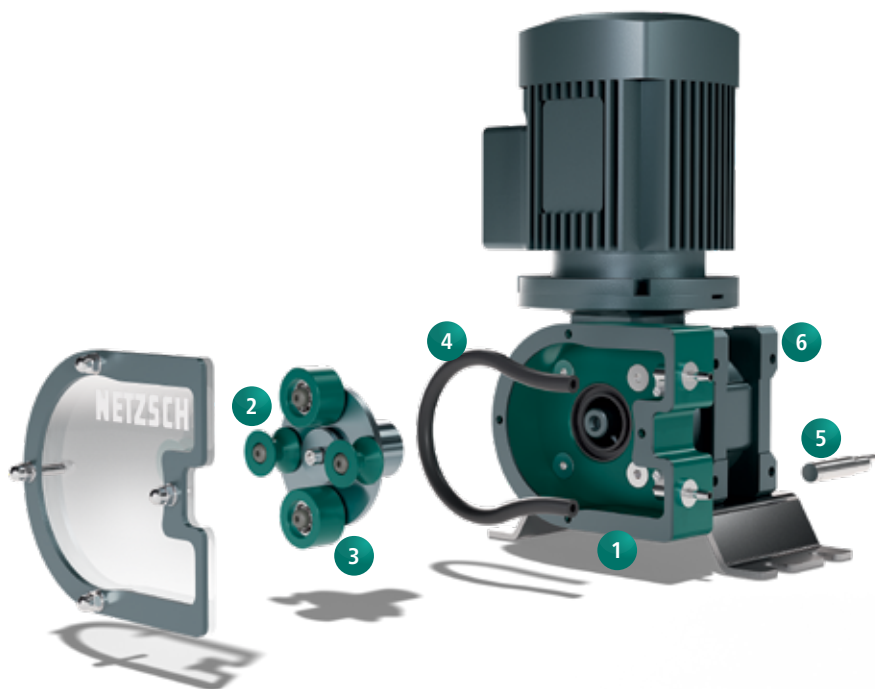
Typical Applications

- Lime milk
- Active carbon
- Calcium hydroxide
- Sodium hypochlorite
- Ferric chloride
- Hydrochloric acid
- Polymers, flocculants, coagulants
- Many other viscous or shear sensitive products

Technology

- 1 Shaft Seal and Flat Seal**
Provide a hermetic seal so that no liquid escapes from the pump housing.
- 2 Roller Guides**
Paired roller guides ensure smooth and consistent tube compression.
- 3 XXL Rollers**
Built-in bearings to minimize energy consumption and distribute the force over a larger surface area, minimizing tube wear.
- 4 Tube**
Available in TVP and PVC. Suitable for a wide range of applications and product.
- 5 Leak Detector**
The pumps arrive equipped with a capacitive leak sensor as standard (12-36VDC). Screwed directly into the pump housing, the sensor detects even the smallest amounts of liquid in the housing.

- 6 Pump Housing**
Housing made of durable HDPE (high density polyethylene) ensures high corrosion resistance.



Personal support

Our experienced employees provide support and advice tailored to your specific requirements worldwide.



Spare parts

NETZSCH original spare parts ensure reliable quality via worldwide implementation of uniform standards per DIN EN ISO 9001.



Technical training

Our Technical Service specialists provide practical training for your employees at NETZSCH training centers, online, or at your facility.

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pumps-systems.netzsch.com

NETZSCH Pumps USA · 119 Pickering Way · Exton, PA 19341
Tel.: 610 363-8010 · Fax: 610 363-0971 · npa@netzsch.com

NETZSCH Pumps USA · 1511 FM 1960 Road · Houston, TX 77073
Tel.: 346 445-2400 · npa@netzsch.com

NETZSCH Canada, Incorporated · 500 Welham Road · Barrie, ON L4N 8Z7
Tel.: 705 797-8426 · Fax: 705 797-8427 · ntc@netzsch.com

NETZSCH Canada, Incorporated · 5050 76th Ave SE · Calgary, AB T2C 2X2
Tel.: 705 797-8426 · Fax: 705 797-8427 · ntc@netzsch.com