TAEHA CAN PUMP
TCP Series

As the canned liquid is transferred, no foreign substances or air bubbles are flowing in it. Air doesn't enter and contact doesn't occur due to the application of the special follow plate. Also, no remaining liquid is on the inner wall of the container. The application of a new concept of the high-performance piston pump achieves the best performance and improves efficiency by minimizing pulsation. The TWIN-POST RAM structure provides robustness and stability as the motor part and pump part are separated, it is easy to use and maintain.

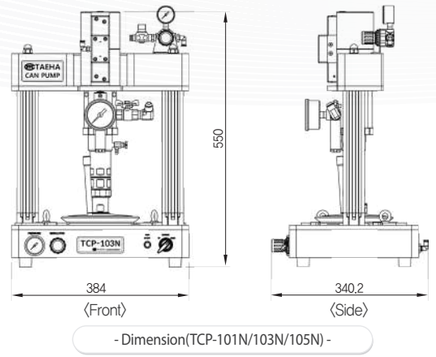
<None-plate type>

** The NP type plate has a viewing window, so it is possible to easily check the remaining amount of liquid in the pail container.

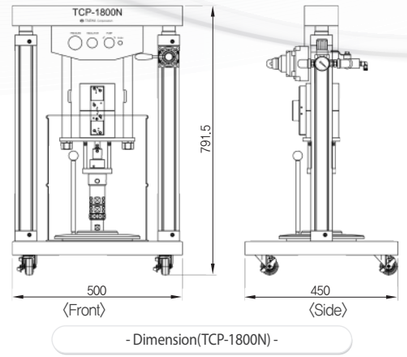
Applicable Material	· High-viscosity material without flowability · Grease, 1K Epoxy, silicone RTV, oil, cream solder and other high-viscosity material

Item \ Model	TCP-101N	TCP-103N/105N	TCP-1800N
Pumping Ratio*	10:1 (20:1)		20:1 (10:1)
Output Pressure	7MPa(14MPa)		14MPa(7MPa)
Volume/1cycle	≒ 20cc		≒ 20cc
Viscosity	1,000~600,000 cps		
Air Working Pressure	Min 0.2MPa ~ Max 0.7MPs		
Air Consumption	27L/min(ANR), 0.4MPa, 60cycle/min		43L/min(ANR), 0.4MPa, 60cycle/min
Wetted Part**	**Body**:AL / **Seal**:UHMW-PE,FKM / **Rod,Shovel**:SUS303F / **Follow plate**:TPEorNBR		
Dimension (WxDxH)	384x362x564(804)㎜		500x450x792 ㎜
Weight	18kgf		38.5kgf
Output Port	Rc 1/4" [Option : Rc 3/8"]		
Air Input Port	Ø6.0㎜		
Pail Can Size	1kg	3~5kg	18kg
Follower Plate	WP(Wiper Plate), DP(Disposal Plate), NP(None Plate)		

* : Custom production is possible with the pressure increase in parentheses. (Order separately).
** : It is possible to change the material to suit the user's purpose (Order separately).



- Dimension(TCP-101N/103N/105N) -



- Dimension(TCP-1800N) -

TAEHA High-pressure Hose Line-up

This is a line-up of high pressure hoses dedicated to carefully selected dispensers based on Taeha's extensive experience and know-how to transfer various fluids used as dispenser materials at high pressure in optimal environment.

(Polyolefin Type Hose)

(SUS Braided Type Hose)

P(Polyolefin) Type	S(SUS Braided) Type
① Excellent moisture barrier performance ② Excellent chemicalresistance ③ Excellent non-pollution ④ Meets the US FDA's standards ⑤ Operating temperature range: -30℃~70℃	① Superior chemical resistance to almost all chemicals such as strong acids, strong alkalis and solvents compared to other hose materials ② Excellent performance in non-adhesiveness and low friction ③ Excellent purity without contamination by fluids ④ Operating temperature range: -30℃~270℃
Coupling(SUS304), Adapter(SUS304) Contact-angle : 37°	

HOSE Specification

	Nominal Diameter		Inner Diameter (㎜)	External Diameter(㎜)	Max. Pressure (MPa)	Min. Pressure (MPa)	Min. Radius of curvature (㎜)	Weight (g/m)
P	T02	1/4"	6.3	12.5	19.5	78.0	30	95
S				10	20.5	96.0	77	140
P	T02	3/8"	9.5	16.4	16.0	64.0	50	134
S				13	17.0	82.0	102	160
P	T04	1/2"	12.7	20.3	14.0	56.0	75	241
S				16.5	10.3	57.8	166	220
P	T05	3/4"	19	28.7	10.5	42.0	125	368
S				23.0	7.8	41.0	196	250
P	T06	1"	25.4	36.5	10.5	42.0	200	554
S				29.0	6.8	27.0	229	400

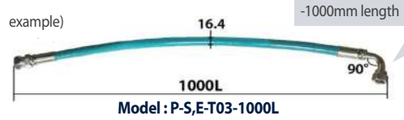
Model Naming

S - S - T03 - 2000L

Hose Type	Coupling Type	Hose Size	Hose Length(㎜)
P : Polyolefin S : SUS Braided	S : Straight E : Elbow E45 : Elbow45°	T02 : 1/4" T03 : 3/8" T04 : 1/2" T05 : 3/4" T06 : 1"	The length of the hose as a whole and the 2 couplings combined.

- Polyolefin Hose
- Straight & Elbow Coupling
- 3/8" Hose size
-1000mm length

example)



Model : P-S,E-T03-1000L

** Adapters for high-pressure hoses are subdivided and standardized according to the type of hose, thickness of hose, hose material, and type of piping.