

Improve Your Processes With a Brand-New High Viscosity Structure Pump!

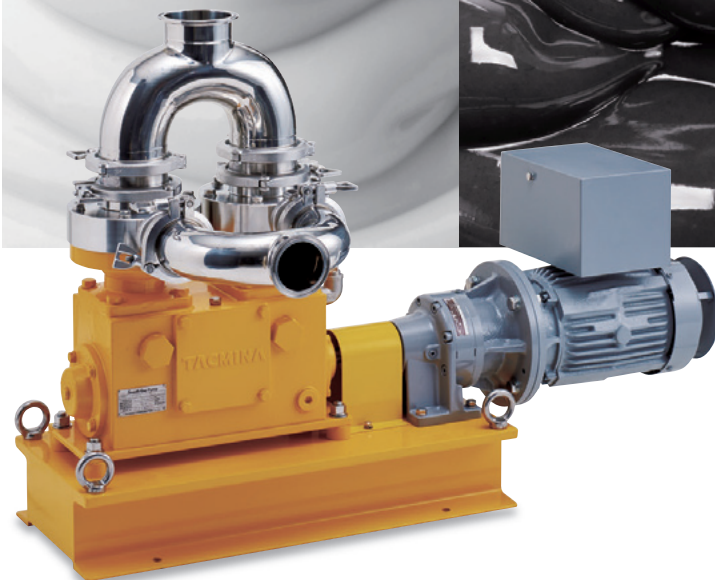
No damage
to the transfer
liquid

Contamination
free

Wear
resistant

Simple
disassembly/
assembly

Even high-viscosity liquids
exceeding 300,000 mPa·s
can be transferred

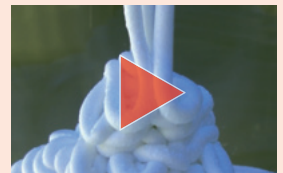


Industry/Application

For use in a variety of production processes such as those used to produce batteries, paints, adhesives, and food

Even liquids such as these
can be easily transferred!

www.tacmina.com/VPL



Smoothflow Pump VPL

Performance specifications

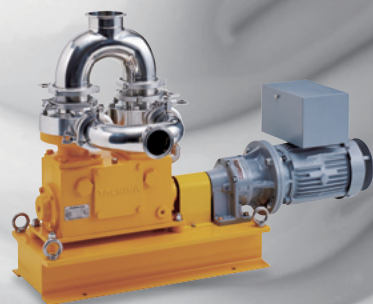
Specifications		Model		VPL-2	VPLN-2	VPL-10	VPLN-10
Max. discharge volume	High-viscosity liquid (30,000 mPa·s)	L/min	1.6		10		
		L/h	96		600		
Max. discharge pressure		MPa	0.5		0.5		
Connection diameter		Discharge side	1.5S		2.5S		
		Suction side	2.5S		3.5S		
Transfer liquid temperature		°C	15 to 40 (no freezing)		15 to 40 (no freezing)		
Motor	Type		Totally enclosed fan-cooled indoor type	Pressure-resistant explosion-proof outdoor type (d2G4) constant torque	Totally enclosed fan-cooled indoor type	Pressure-resistant explosion-proof outdoor type (d2G4) constant torque	
	Power supply		3-phase 200 V (50 Hz) 200•220 V (60 Hz)		3-phase 200 V (50 Hz) 200•220 V (60 Hz)		
	Output (kW) / number of poles	kW / P	0.2 / 4	0.4 / 4	0.75 / 4	0.75 / 4	
	Enclosure rating		IP44	IP44	IP44	IP44	
Weight		kg	33	44	115	122	
External dimensions (W×D×H)		mm	533×352.5×416	533×341.5×424	936.5×497.5×642	947.5×497.5×648	

Liquid-end materials

	VPL - VPLN-2	VPL - VPLN-10
Pump head	SUS304 / SUS316L	SUS304
Diaphragm	PTFE	PTFE / CR
O-ring	Special fluoro rubber (Perfluoro, FEP)	Special fluoro rubber (Perfluoro)
Valve stopper, Valve seat	SUS304	SUS304
Suction valve body	SUS304	SUS304 / SUS316
Discharge valve body	SUS304	SUS304
Attachment	SUS304	SUS304
Compression coil spring	SUS304WPB	SUS304WPB
Clamp liner packing	PTFE	PTFE
Spring bracket	SUS304	SUS304

Pumps can be loaned out for trial use.

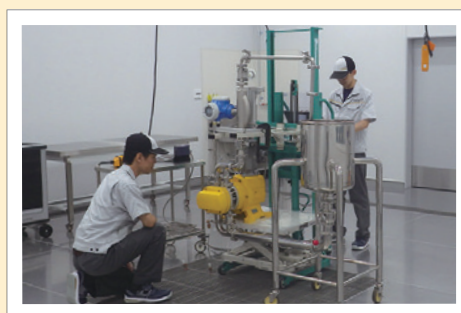
This enables our customers to test pumps installed in the actual piping in place at their worksites.



Contact TACMINA to request a test using your actual liquid.

At TACMINA's "Liquid Solution Center <LABII>," pumps can be used to perform liquid transfer tests with the liquids that are actually used by our customers.

Specialized technicians are available for consultations regarding liquid transfers, and a detailed report on the test results is also issued. This makes it possible for our customers to consider using liquids that are difficult to transfer and switching from other types of pumps with peace of mind.



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Product designs and specifications are subject to change without notice for product improvement.

ET-033 (1) -

2019/12/D--