

# Vacuum Related Components

## ■ Vacuum Components



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Vacuum Components

Suction Pad

Standard

Sponge

Bellows

Multi-stage Bellows

Oblong

Soft

Soft Bellows

Non-slip

Thin Workpiece

Flat

Suction Mark Prevention

For Packaging Bags

For Metal Detectors

With Mechanical Break Function

Ending

Vacuum Components

Vacuum Related Components

VSRL

VSECV

VSRVV

VRA 2000

VSLF

VSFB, VSFU, VSFJ

FSL

VFA

VSUS

VST

Ending

### [Ring Blower Type Vacuum Generator]

Series Name	Model No.	Vacuum Level kPa	Suction Flow Rate L/min (ANR)	Minimum Flow Path Diameter mm	Page Listed
<b>VSRL Series</b> • Can transfer small workpieces such as granules, powder, fibers • Model selection possible from 4 sizes depending on the size of the transported workpiece	VSRL-50	-53	50	ø2.8	1072
	VSRL-100	-53	100	ø4.1	
	VSRL-200	-53	200	ø6	
	VSRL-300	-53	300	ø7.5	



### [Drop Prevention Valve]

Series Name	Model No.	Connection Port Size		Page Listed
		Vacuum Generator Side	Workpiece Side	
<b>VSECV Series</b> • Even if a workpiece detaches, workpieces in other circuits maintain vacuum. • Applicable to Cellvax Suction Pad Series.	VSECV-M3	M3		1,082
	VSECV-M4	M4		
	VSECV-M5	M5		
	VSECV-M6	M6		
	VSECV-M10	M10		
	VSECV-6A	R1/8		



### [Compact Vacuum Regulator]

Series Name	Model No.	Connection Port Size		Remarks	Page Listed
		ø6	ø8		
<b>VSRVV Series</b> • Controls not only source pressure but also end-of-line pressure. • Selection of vacuum pressure switch with digital display or vacuum pressure gauge is also possible.	VSRVV-□ZA□	○	○	Elbow (Output: Male thread)	1,088
	VSRVV-□ZB□	○	○	Elbow (Supply: Male thread)	
	VSRVV-□ZU□	○	○	Union Type	



### [Vacuum Regulator]

Series Name	Model No.	Connection Port Size		Page Listed
		Rc1/4	Rc3/8	
<b>VRA Series</b> • Compact and high flow rate • Lock/Non-lock changeable • Modular connection possible with vacuum filter	VRA2000	○		1,098



### [Vacuum Break Unit]

Series Name	Model No.	Connection Port Size		Page Listed
		Vacuum Generator Side	Workpiece Side	
<b>VSLF Series</b> • Controls vacuum break air while maintaining the vacuum characteristics of the vacuum ejector. • Achieves shorter vacuum break time through vacuum break circuit relief function.	VSLF-44	ø4	ø4	1,102
	VSLF-66	ø6	ø6	
	VSLF-46A	ø4	R1/8	
	VSLF-66A	ø6	R1/8	



### [Filter for Vacuum]

●: Standard equipment ○: Option Selection

Series Name	Model No.	Connection Port Size								Filtration Area	Page Listed
		M3	M5	ø1.8	ø4	ø6	ø8	ø10	ø12		
<b>VSFB Series Large Capacity Union Type</b> • Removes dust and water droplets using cyclone effect and element. • Entire dust case can be removed with one touch, preventing dust scattering.	VSFB-66					●				20 cm <sup>2</sup>	1,106
	VSFB-88						●			20 cm <sup>2</sup>	
	VSFB-1010							●		20 cm <sup>2</sup>	
	VSFB-1212								●	20 cm <sup>2</sup>	
<b>VSFU Series Compact Union Type</b> • Element replacement and cleaning require no tools. • Inline-type easily mountable mid-piping. • Small capacity type added.	VSFU-M	○		○						1.4 cm <sup>2</sup>	
	VSFU-1S		○		○	○				2.8 cm <sup>2</sup>	
	VSFU-1L		○		○	○				4.7 cm <sup>2</sup>	
	VSFU-2				○	○				7.5 cm <sup>2</sup>	
	VSFU-3					○	○	○		12.5 cm <sup>2</sup>	
<b>VSFJ Series Compact Socket Type</b> • Ideal for single unit ejectors without a built-in vacuum filter.	VSFJ-44					●				0.8 cm <sup>2</sup>	
	VSFJ-66						●			1.1 cm <sup>2</sup>	
<b>FSL Series InlinE-type</b> • Compact, lightweight, space-saving inline-type • Usable for both positive and negative pressure	FSL100					●	●			4.7 cm <sup>2</sup>	1,118
	FSL200					●	●			7.5 cm <sup>2</sup>	
	FSL500					●	●	●		12.7 cm <sup>2</sup>	



## [Vacuum Filter]

Series Name	Model No.	Connection Port Size				Page Listed
		Rc1/8	Rc1/4	Rc3/8	Rc1/2	
<b>VFA Series</b> <ul style="list-style-type: none"> <li>• Long service life</li> <li>• Water removal possible</li> <li>• Element can be used repeatedly</li> </ul> 	VFA1000	○	○			1,124
	VFA3000		○	○		
	VFA4000			○	○	

## [Pressure Switch for Vacuum]

Series Name	Model No.	Connection Port Size					Remarks	Page Listed
		M5	ø4	ø6	ø8	Direct Mount		
<b>VSUS Series</b> <ul style="list-style-type: none"> <li>• 2 types available: 2-point output and analog output.</li> <li>• 3 types of piping connections available: Push-in fitting, M5 female thread, Direct mount.</li> </ul> 	VSUS-NW	○	○	○	○	○	NPN 2-point Output	1,130
	VSUS-NA	○	○	○	○	○	NPN: Analog Output	
	VSUS-PW	○	○	○	○	○	PNP 2-point Output	
	VSUS-PA	○	○	○	○	○	PNP: Analog Output	

## [Air Tweezers]

Series Name	Model No.	Pad Diameter				Pad Rubber Material	Holder Shape	Page Listed
		ø2	ø4	ø6	ø8			
<b>VST Series</b> <ul style="list-style-type: none"> <li>• Pen-shaped main body with built-in suction pad and ejector.</li> <li>• Ideal for assembly of small parts, etc.</li> <li>• Package-type also available.</li> </ul> 	VST-A□N	○	○	○	○	Nitrile rubber	Without Valve-type	1,136
	VST-A□S	○	○	○	○	Silicone Rubber	Without Valve-type	
	VST-B□N	○	○	○	○	Nitrile rubber	Built-in Valve-type	
	VST-B□S	○	○	○	○	Silicone Rubber	Built-in Valve-type	

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