

WelcomePack
Nozzle Type Vacuum & Gas Flushing Machine

Specialized in Vacuum Packing
Best Competitive & Reasonable Price
Optimum Maintenance Service

WelcomePack™
Nozzle Type Vacuum & Gas Flushing Machine



**WELCOME
PACK**
Nozzle Type Vacuum & Gas Flushing Machine

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Experience our vacuum sealer !!!

We are as a professional manufacturing & sailing company for Vacuum Sealer with various packing machines, established 2013 with for many years engaged in these packing machines field experts.

We will do our best for realizing customer impression with elaborated quality, best competitive price, optimum maintenance & management service by main value and we are preparing of small business model, industrial model, order made model for various vacuum packing solution of new generation with best effective and suitable use for field consumer need vacuum sealer.

I thought that most important thing is mental attitude in any business as a supplier. **WelcomePack** promise to supply best competitive & reasonable price for elaborated quality products with hands-on background & know-how.

And if you heard somewhere beautiful sound of our sincere mental attitude, just experience our vacuum sealer.

Thanks.

Main Values of WelcomePack™

Elaborated quality

Best competitive reasonable price

Optimum maintenance & management service

Basic Information

Address // Overseas Business Contact Info.

49 Sandan-ro, Danwon-gu, Ansan-si, South Korea / Zip Code : 15611

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Corporate Registration NO.: 303-54-00071

1. General details for vacuum packing machine

About nozzle type vacuum packing

- 1) Nozzle type vacuum sealer means just put the nozzle in the bag and suction air directly, and follow operation process sealing, cooling.
- 2) Faster than chamber type vacuum sealer even though big, hot, liquid item can vacuum pack without damage of items.
- 3) WelcomePack™ Vacuum Sealer can be fine adjustment by vacuum degree or vacuum time.

Application field for vacuum packing

IC & electronics component, Semi-conductor & wafer, parts business, optical machinery, medical field, related mobile phone biz, researching biz, food industry, etc.

Gas flushing info for vacuum packing

- 1) Nitrogen gas
Prevent oxidation, keep color or incense of food
(ex : dry food like grain & seafood, metal processed goods, etc.)
- 2) Carbon dioxide
Prevent growth of mold or various kind of virus
- 3) Mixture gas
N+CO₂ (processed food, etc), O+N+CO₂ (fruits, vegetables, etc)

Free Supplies

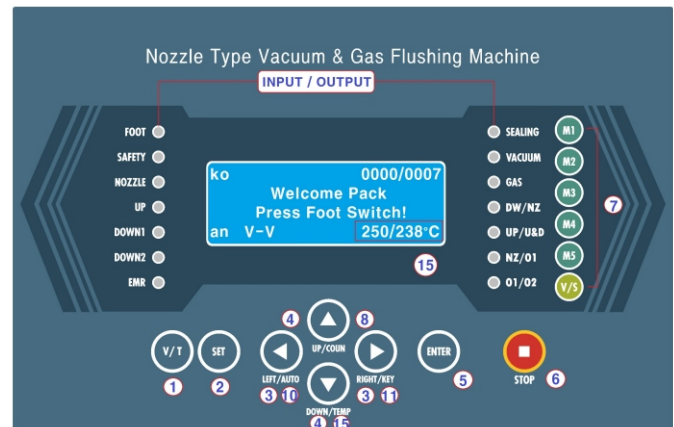
- 1) Spare parts : Heat wire, Teflon sheet & tape, Fuse
- 2) Tools : Small driver (+), Spanner (10*13) L wrench (4ø, 5ø)
- 3) Others : Basic work tray (except for vertical type), Tool box, Manual, etc.

2. Features of WelcomePack™

Controller function of Vacuum Sealer

1) Basic feature of controller

Memory, working count, temperature indicate, auto nozzle, key lock, item packing for vacuum degree & time by vacuum sensor, trouble self diagnose, various alarms, etc.



2) Function of controller

- ① **V/T** : Can choose V or T mode, V means vacuum degree, T means time.
V mode : 0~90 Kpa, use for semi-conductor, metal parts, dry items, etc.
T mode : adjustable 0.1~1 second measure, use for moist items, powder, soft items, etc.
- ② **SET** : This button can't operate during packing work, therefore after push ⑥Stop button first and then choose from ⑦mode buttons and setting the value. Push 5seconds for adjust set value, and choose vacuum (degree or time), gas, sealing, cooling by left or right button, and set suitable numerical value by up or down button.
- ③ **LEFT(⑩AUTO) / RIGHT(⑪KEY)** : After 5SEC push set button and LEFT & RIGHT button choose vacuum (degree or time), gas, sealing, cooling mode step by step. Without push set button, just push 3SEC ⑩AUTO (LEFT) button can choose **an** (auto nozzle) or **mn** (manual nozzle) those means after 1 cycling work nozzle automatically forward. Just push set button with ⑪KEY (RIGHT) button together and can choose **kl** (key lock) or **ko** (key open) that key lock means all button lock (use only related worker).
- ④ **UP (⑧COUN) / DOWN (⑮TEMP)** : Push set button 5SEC and choose VACUUM1~4, GAS1~3, SEALING, COOLING by LEFT or RIGHT button and setting suitable value by UP or DOWN button. ⑧COUN means counter for working number of times, if set 100, after finish 100times packaged ringing alarm. ⑮TEMP means sealing temperature degree, this temperature is not exact by working area environment. If set 150°C, when sealing arrived at 150°C it just go to cooling for next process.
- ⑤ **ENTER** : After setting set value, need to push ENTER button, so set value can saved. If not, set value remains previous value still.
- ⑥ **STOP** : Stop button same with emergence, if push during work time, it will return to before work cycling time.
- ⑦ **M1 to M5 & V/S mode buttons** : Every M1 to M5 mode button can setting VACUUM1~4, GAS1~3, SEALING, COOLING and if not setting some step (means set zero), it will jump that step and operate next step. This operate sequence is VACUUM1 → GAS1 → VACUUM2 → GAS2 → VACUUM3 → GAS3 → VACUUM4 → SEALING → COOLING. V/S button can choose V mode or S mode, V mode working VACUUM → SEALING → COOLING and S mode working just SEALING → COOLING.

Special Feature

Selected Output **DC 24 Volt**

- ※ No degradation by external electrical power, it was different from AC.
- ※ Almost never lead to electrostatic phenomenon.

Trouble self diagnose for standard operating sequence

Indicate into LCD display		Contents
Warning!	Foot SW	Foot switch error
Warning!	Safety	Safety upper bar up error
Warning!	Nozzle	Nozzle in-out error
Warning!	Up	Upper sealing bar up error
Warning!	1 st down	Upper sealing bar 1 st down error
Warning!	2 nd down	Upper sealing bar 2 nd down error
Warning!	EMG	Emergency off error
Warning!	Overheat	Heat Wire overheat error
Warning!	Overload	Operation overload error
Just ringing quietly (Do not indicate)		When air compressor not connected

Material for body and parts

- ※ Use 100% SUS 304 polishing for body & cover and choice parts material over SUS 304 mostly for the durability of products.

Micro safety sensor switch

- ※ Air driven models are fast reaction speed switch with emergency switch.
Motor driven model are very fast reaction speed switch also,
and upper sealing bar moving slowly 1st down for more safety.

Air suction capacity

- ※ Motor driven model : about 24L/min (140L/min for option: separated case)
- ※ Air driven model : VS-450E → about 125L/min
VS-600E, VS-800E → about 220L/min
VSV-600~1200E → about 650L/min

Electric Motor Driven Model Nozzle Type Vacuum Sealer

1) VS-350M, VS-450M, VS-600M



Model	Net weight / Dimension
VS-350M	27Kg/410*380*260mm
VS-450M	28Kg/520*380*260mm
VS-600M	30Kg/670*380*260mm

2) Features or Advantage – For small business & semi-industry use

- No need air compressor (connect electric only)
- Suitable for office, laboratory, small shop, super market, etc. (Sound is quiet)
- Material STS 304, low price, compact size, and simple to use
- Specially small or within 3L items packing is very optimize (option: 140L/Min)
- Pack around 500 ~ 1,500 times per day (8 hours, A4 size standard, 25L/Min)
- Detachable & adjustable work tray height around 150mm

3) Application Field

- Electric parts & semi-conductor, Clinics & hospital, Optics & museum, etc
(Car & metal parts, Optical & medical products, Museum, etc.)
- Food industry
(Grain, Dry seafood, Tea & coffee, Medical herbs, Nuts, Vegetables, Feeds, etc)

4) Purpose of Vacuum Packing

- Prevent oxidation, corrosion, decomposition, discolor
- Remove particle & dusty.
- Prolong distribution period & keeping convenient & scratch protection

5) Specification **Must use the film thickness less than 120 μ m (up & low: within 250 μ m)**

Model	Sealing Length	Sealing Width	Vacuum Pump	Packing Count	Electric Spec	Impulse Consumption
VS— M Series	350mm	5mm	25L/Min Motor Pump	1~10ea/min (depend on the items)	1ph	1kw
		10mm				1.5kw
	450mm	5mm	Option : 140L/Min Pump		110/220V	1.3kw
		10mm				1.7kw
	600mm	5mm			50/60hz	1.5kw
		10mm				2.2kw

*Those figures are changeable by various situations.
140LPM upgrade model assembling into the separate STS304 case(16kg / 160*300*220mm)*

Air Driven Model Nozzle Type Vacuum Sealer

- 1) VS-450E
(Desktop model)
- 2) VS-450ES
(Stand type model)
- 3) VSA-450ES
(Angle adjustable type model)

- 4) VSH-450ES
(Height adjustable type model)
- 5) VSH-450ES-D
(Up & low double heat wire for all models)

6) Features or Advantage → For industry use

- Need air compressor (5~6,5kgf/cm²)
(More than 2,5HP, 50L tank,120LPM)
- Suitable for factory, large market, etc.
(Depend on the model)
- Each model is convenience for use
- Pack around 2,500times per day
(8 hours, A4 size standard, 120L/Min)
- Detachable & adjustable work tray
(Height around 150mm)

Model	Net weight / Dimension
VS-450E	31Kg/520*380*260mm
VS-450ES	53Kg/520*500*1020mm
VSA-450ES	54Kg/520*500*1020~1150mm
VSH-450ES	63Kg/520*750*1020mm
VS-600E	32Kg/670*380*260mm
VS-600ES	54Kg/670*500*1020mm
VSA-600ES	55Kg/670*500*1020~1150mm
VSH-600ES	64Kg/670*750*1020mm
VS-800E	38Kg/870*415*280mm
VS-800ES	61Kg/870*555*1020mm
VSA-800ES	62Kg/870*555*1020~1150mm
VSH-800ES	70Kg/870*800*1020mm

7) Specification

Model	Sealing Length	Sealing Width	Vacuum Pump	Packing Count	Electric Spec	Impulse Consumption	Need Pneumatic
VS-E Series	450mm	5mm	Basic : Ejector Pump Option : Oil Pump, Oilless Pump	1~10ea /min (depend on the items)	1ph 110/220V 50/60hz	1,2kw	5~7 Kgf/cm ²
		10mm				1,7kw	
	600mm	5mm				1,5kw	
		10mm				2,2kw	
	800mm	5mm				1,7kw	
		10mm				3,5kw	

Those figures are changeable by various situations.
Available simple type stand by aluminum profiles.

Vertical Type Vacuum Sealer (Nozzle Type)

1) VSV-600E, VSV-800E, VSV-1000E, VSV-1200E

(Longer Sealing lengths are the order made)



Model	Net weight / Dimension
VSV-600E	110Kg 670*900*1500~2200mm
VSV-800E	120Kg 870*900*1500~2200mm
VSV-1000E	130Kg 1070*900*1500~2200mm
VSV-1200E	140Kg 1270*900*1500~2200mm

2) Option

- Film widening & auto up and down device together
- Film widening device only
- Various order made style

3) Features or Advantage → For industry use

- Need air compressor
(More than 3HP and 100L tank – Depend on the packing count)
- Suitable for high capacity & big sizes (For 200 ~ 600L/Min)
- Vertical & horizontal use available
- Pack around 2,500times per day
(8 hours, A2 size standard, 650L/Min – Depend on the items)

4) Specification

Model	Sealing Length	Sealing Width	Vacuum Pump	Packing Count	Electric Spec	Impulse Consumption	Need Pneumatic	
VSV-Series	600mm	5mm	Basic : Ejector Pump	1~10ea /min (Depend on the Items)	1ph 110/220V 1.3ph 380v 50/60hz	1.5~6kw	5~7 kgf/cm ²	
		10mm						
	800mm	5mm						Options : Oil Pump Oilless Pump
		10mm						
	1000mm	5mm						
		10mm						
	1200mm	5mm						
		10mm						
Those figures are changeable by various situations.								

Chamber Type Vacuum Sealer

1. Single chamber type vacuum sealer

1) Images



Desktop



Stand Type

2) Features

- Divided by desktop & stand type model by single chamber size.
- When vacuum packing the items, can watching inside by transparency acrylic cover.
(If customer wants to SUS materials for cover of chamber, can supply too)
- Cover of body prevents corrosion from the moist or salty by use SUS 304 material.
- Digital control type, 5 memories, vacuum time can be fine adjusted by 0.1 second.

3) Application field

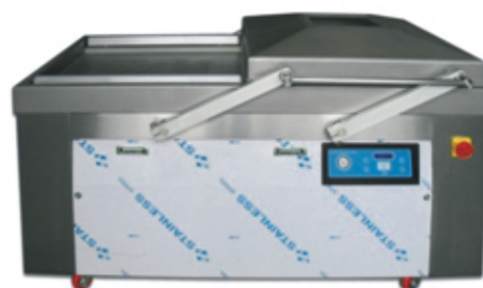
- Food industry (fresh meat, fish, etc)
- Various Industry & Researching, etc

4) Specification

Divide	VSC 404	VSCS 506	VSCS 606	VSCS 608	VSCS 906
Electricity	1ph, 220V / 60hz(50hz available)				
Vacuum Cycle	1~3 times/min(Depend on the items)				
Controller	Digital Type				
Materials	Body : SUS304, Sealing Bar : Aluminum anodizing				
Chamber Open	Shover	Spring			
Sealing Size	415*3,2mm 2 line	500*3,2mm 2 line	600*3,2mm 2 line		910*10mm
Vacuum Pump	400L(W Pump)	600L(BUSCH Pump)		800L(BUSCH)	600L(BUSCH)
Chamber In	430*455*160mm	510*620*170mm	620*600*170mm	620*700*170mm	940*450*155mm
Chamber Out	480*550*430mm	570*723*970mm	680*703*970mm	680*800*970mm	1000*550*970mm
Net Weight	49kg	120kg	130kg	145kg	130kg
Option	Gas flushing function available				
Those figures are changeable by various situations.					

2. Double chamber type vacuum sealer

1) Images



2) Features

- 2 chambers 1cover style
(Comparatively fast pack by one side prepares other side vacuum)
- Material of chamber cover is the aluminum (SUS 304 available)
- Body prevents corrosion from the moist or salty by use SUS 304 material.
- Digital control type, 5 memories, vacuum time can be fine adjusted by 0.1 second.
- Convenient for cleaning inside of chamber cause flat bottom

3) Specification

Divide	VSCW 7520	VSCW 7532-M	VSCW 8550-M
Electricity	3ph, 220V / 380V, 60hz (50hz available)		
Vacuum Cycle	2~3 times/min(Depend on the items)		
Controller	Digital Type		
Materials	Body : SUS304 Chamver : AL	Body : SUS304 Chamver : AL or Transpareny Acrylic	
Chamber Open	By Spring		
Sealing Size	750*10mm	750*10mm	850*10mm
Transformer	1,5kva	1,8kva	1,8kva
Vacuum Pump	2000L (BUSCH or WP)	3200L (BUSCH or WP)	5000L (BUSCH)
Chamber Inside	810*690*170mm	950*800*180mm	950*800*200mm
Chamber Outside	1700*1000*1050	1700*1025*1018/1325mm	1900*1025*1018/1325mm
Net Weight	330kg	370kg	450kg
Option	Gas flushing function available		
Those figures are changeable by various situations.			

Packing Material

Vacuum Bag

1) Calculate bag size

- Width
Packing item width
+ height + 50mm
- Length
Packing item length
+ height + 60mm ~

2) Basic size of vacuum bag with quantities per 1 box

- Bag delivery by box only
- The other size or thickness have to order made more than 6000M for one size bag
- The length include 10mm under sealing side and width include left & right both sealing sides each 10mm

Bag	Size(W*L/cm)	PCS/Box	Bag	Size(W*L/cm)	PCS/Box
Vacuum Bag NY+PE +L-LDPE 70μm	10*15	15,000	Antistaic Bag Half Evaporation PET 0,012mm +L-LDPE 0,063mm 75μm	6,5*14	15,000
	15*20	8,000		12*20	8,000
	16*25	6,000		16*25	6,000
	18*28	4,000		20*30	5,000
	20*30	3,000		25*35	4,000
	23*32	3,000		30*40	3,000
	25*35	2,000		35*45	2,800
	28*38	2,000		35*60	2,800
	32*40	1,500		40*50	2,500
	35*45	1,200		48*55	2,000
	40*50	800		50*60	2,000
	40*60	700		58*65	1,600
	40*65	700		70*75	1,300
	40*70	800	Aluminum Bag PET+AL +PE +L-LDPE 90μm	10*15	10,000
	45*60	700		13*20	6,000
	45*65	700		15*25	5,000
	50*65	700		17*25	4,000
Vacuum Bag NY+PE +L-LDPE 80μm	15*20	7,000		20*30	3,000
	16*25	5,000		25*35	1,700
	18*28	4,000		32*40	1,500
	20*30	3,500		35*45	1,200
	23*32	3,000		40*50	800
	25*35	2,500		40*60	700
	25*40	2,000	Aluminum PET+AL +PE +L-LDPE 100μm	9*17	10,000
	25*45	1,800		13*20	6,000
	28*38	1,700		15*25	4,500
	30*40	1,600		17*25	3,500
	30*45	1,500		20*30	2,800
	32*40	1,600		25*35	1,700
	35*45	1,300		28*38	1,400
	35*50	1,300		32*40	1,200
	35*60	900		35*45	1,000
	35*65	900		40*50	600
	40*50	800			
	40*60	600			
	40*65	600			
	45*50	900			
	45*60	600			
	45*65	600			
	50*65	600			
	50*70	600			

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Nozzle Type Vacuum & Gas Flushing Machine

Application Field

- Electric parts & semi-conductor
- Metal & Car parts
- Optical & medical products
- Museum, etc
- Grain & Dry seafood, Tea & coffee
- Medical herbs, Nuts, Vegetables
- Various food industry
- Various feeds, etc