
VG-402/602 Series - Micro-Computer-Controlled Nozzle-Type Vacuum & Gas Flushing Impulse Sealer



The VG-402 and 602 series impulse sealers are high-precision vacuum sealing & gas flushing sealing equipped with a state-of-the-art temperature control system. The VG-402 and 602 series feature the heating-temperature control ONPUL system. ONPUL makes high-precision vacuum sealing and sealing through gas flushing possible. When you want to flush air inside of the bag and reduce the package volume, or when you want to utilize oxygen scavengers to extend product life, you can use the vacuum sealing function. The gas flushing function can be used to fill the bag with carbon dioxide to prevent spoilage and mold growth, or with nitrogen gas to prevent oxidation. Features

- Applications and Features: Electric vacuum & gas-flush sealer
- Operation method: Electric/air-cylinder operated
- Packaging type: Seal only & vacuum & gas-flush
- Daily use frequency as model selection guideline: Up to 1,000 bags, electric/air-cylinder operated
- Compatible packaging materials(total thickness of two or more sheets):
 - VG-602, VG-402□PE->0.4mm, PP->0.3mm, NY->0.3mm, PVA->0.3mm, other laminated materials->0.4mm
 - VG-602, VG-402-10W□PE->0.6mm, PP->0.4mm, NY->0.4mm, PVA->0.4mm, other laminated materials->0.5mm
- To set and maintain optimal sealing conditions: Unlike other conventional timer-operated models, heating temperature is controlled by high precision sensor and microcomputer that consistently monitor the exact temperature that film melts regardless of air temperature or increasing sealer temperature during its prolonged use.
- Cost Effective: To provide overall competitive advantage from power saving with

minimal heating from effective power consumption ratio to operating efficiency, coupled with minimal consumables and parts. Heating, cooling and vacuum times can be also set for different film and package requirements.

- Switch among 13 different sealing methods: The following sealing methods can be combined to create a total of 13 different sealing methods. Select a sealing method to meet your needs, including selecting to best suit the characteristics of the packaged material and to obtain your desired packaging finish.

Work method options

1. Multiple gas flush cycles
2. Vacuum + Seal
3. Seal only

Vacuum method options

1. Vacuum gauge (0 to -100Kpa)
2. Vacuum timer (0 to 99.9 seconds)
3. Manual Operation

Gas-flush method options

1. Multiple flush cycles (up to 99 times)
2. Single gas flush
3. Circulating gas-flush (requires piping modification) Set one of the two nozzles for vacuuming and the other for gas flushing. This will increase the gas-replacement rate by de-airing the bag even as the bag is being filled with gas. Especially effective with soft contents.

The following sealing methods can be combined to create a total of 13 different sealing methods. Select a sealing method to meet your needs, including selecting to best suit the characteristics of the packaged material and to obtain your desired packaging finish. Other voltages available on request

| Model | Voltage | Power Consumption | Sealing Dimensions - W X L | Machine Dimensions - W X D X H | Weight | Vacuum Degree | Voltage | Power Consumption |
|----------------|---------|-------------------|--------------------------------|--|------------------|---------------|---------|-------------------|
| VG-402-xx | 110 V | 1800 W | 10 x 400 mm (0.39" x 15.7") | 595 x 555 x 1052 mm (23.4" x 21.9" x 41.4") | 93 kg (206 Lbs) | -1 to -100Kpa | | |
| VG-402-XX-10 D | 220 V | 2600 W | 10 x 400 mm (0.39" x 15.7") | 595 x 555 x 1052 mm (23.4" x 21.9" x 41.4") | 98 kg (217Lbs) | -1 to -100Kpa | | |
| VG-602-xx | 220 V | 3000 W | 10 x 600 mm (0.39" x 23.6") | 675 x 555 x 1052 mm (26.6" x 21.9" x 41.4") | 100 kg (221 Lbs) | -1 to -100Kpa | | |
| VG-602-XX-10 D | 220 V | 3100 W | 10 x 600 mm (0.39" x 23.6") | 675 x 555 x 1052 mm (26.6" x 21.9" x 41.4") | 105 kg (232 Lbs) | -1 to -100Kpa | | |