



## SDV-36 Vacuum Machine



Our line of ESD vacuum packaging machines is particularly suitable for use in ESD protected areas.

The controlled reduction of humidity and of oxygen content ensures secure storage and transport conditions.

An ideal packaging solution for moisture-sensitive materials.



### Technical Data:

Internal dimensions	<b>450 x 460 x 210 mm</b>
Sealing bar	<b>420 mm</b>
Vacuum pump	<b>16 m3/h or 21 m3/h</b>
Weight	<b>70 kg or 73 kg</b>
Connection	<b>1 phase, 230 V, 50 Hz</b>

### Sealing system option





### Z 3000 sensor control

Our sensor control is equipped with a vacuum sensor, and makes it possible to precisely set all important parameters. Humidity and oxygen content can be reduced and accurately controlled. 99 memory locations facilitate the repetition of your packaging results and ensure easy handling and operation.



### ESD Version:

Our machines are equipped with an acrylic cover. All surfaces are coated with a dissipative material.  $10^6$  Ohm/sq, compliant with ESD standard NE 61340-5-1.



### Protective Glass:

Optionally, a nitrogen unit may be installed to facilitate the packaging of materials which are vulnerable to oxidation or to pressure. The additional reductions of oxygen content and diffusion rate are ideal for long-term storage.



### Sealing Systems:

Our high pressure sealing systems combined with our standard double welding system are ideal for the secure sealing of thick aluminium bags. Optionally, a top/bottom welding system may be recommended.



### IPC conformity:

Construction, quality and control system are based on the IPC regulations.



### Z 3000 digital control



### Further equipment features

- Z 3000 sensor control with 99 programme memories in splash proof design
- Quick Stop for handy packaging of liquids
- Sensor-controlled process control for maximum cost-effectiveness
- Sensor-controlled gas-flush for controlled atmosphere exchange; ideal for medium to long term storage of moisture sensitive materials
- Evaporating point recognition for the automatic packaging of liquid products; flexibly adjustable to customer requirements
- Key lock and quick-stop function
- Acrylic cover in anti-static design
- Alternating current version with 230 V as standard
- Step vacuum function for high-outgassing products and reduction of the air humidity and the oxygen content
- Service function: promotes the long life of the machine and optimises service intervals
- Initial supply of consumables (Teflon tape, sealing wire) included
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- High-quality Busch vacuum pump with spare parts guarantee





### Sealing system

- Double-seam sealing as standard: aluminium bag with vapour barrier up to thicknesses of 180 micron quickly and reliably sealed
- Plug-in system for the sealing bars, secure fastening without cables
- High-pressure sealing: sealing is assisted by the increased clamping pressures. The seam temperature remains stable and generates a clean sealing imprint without temperature loss. Ideal for gentle handling of your consumables and packaging materials



### Chamber and shelves

- Robust technology in stylish finish made of extremely high-quality stainless steel
- Insertion plates for level adjustment, stylish finish with rounded corners in anti-static design, dissipative, discharge resistor  $10^6$  Ohm/sq
- Teflon coated, sealing materials, adhesives comply with DIN EN 61340-5-2
- Optimal cleaning, designed according to HACCP guidelines

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