

Our line of ESD vacuum packaging machines is particularly suitable for being used in ESD protected sections. The controlled reduction of humidity and of oxygen content ensures secure storage and transport conditions. An ideal packaging solution for moisture-sensitive materials.

Technical datas

Internal chamber dimensions	750 x 510 x 180 mm
Seal length	480 mm
Vacuum pump	63 m³/h or 100 m³/h
Weight	182 kg or 200 kg
Connection	3 phases, 230 V / 400 V, 50 Hz (Special voltages upon request)

Sealing system



Programmable sensor control Z 3000

Our sensor control is equipped with a vacuum sensor, and make it possible to set precisely all important parameters. Humidity and oxygen content can be reduced 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 stainless steel lids. All surfaces are electrically conductive. Critical surfaces have been coated with dissipative plastics, and feature a bleeder resistance of 1-6 Ohm/sq, compliant with ESD standard NE 61340-5-1.



Protective gas

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 recommendable.



IPC conformity

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



Z 3000 digital control

- Z 3000 sensor control with 99 program memories for different product categories.
- Quick Stop for handy process interruption
- Sensor-controlled process control for maximum process reliability
- Sensor-controlled gas-flush control for controlled atmosphere exchange; ideal for medium to long-term storage of moisture-sensitive materials.
- Keylock and quick-stop function
- Evaporating point recognition for the automatic packaging of liquid products; flexibly adjustable to customer requirements



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 sealing bars, reliable 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

- Stainless steel lid in anti-static design. Surfaces are equipped with discharge resistor 10-6 for dissipation. In accordance with DIN EN 61340-5-2
- 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
- Teflon coated, sealing materials, adhesives comply with DIN EN 61340-5-2
- Optimal cleaning, designed according to HACCP guidelines



Further equipment features

- Heavy current version with 3 x 230/400 Volt 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
- High-quality Busch vacuum pump with spare parts guarantee



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