

SEPHA EZBLISTER

A compact, customizable blister packaging machine for clinical trial laboratories and facilities requiring low volume packaging solutions.



SEPHA EZBLISTER

EZ Blister shares the technology and processes of larger production machines to create high quality packaging.



EZ Blister has a range of options that can be selected to tailor and format the machine to meet individual commercial, manufacturing and technological requirements. The MAP option enables a full range of blisters to be created for stability studies.

Blister packing of tablets, capsules, ampoules, sachets, pouches and other products can be achieved from either thermoforming (eg. alu/pvc) or cold forming (alu/alu). Teflon coatings help optimize production when using difficult materials, and full pack traceability can be assured with the addition of a coding system.



Features & Benefits

- Customizable to individual commercial and manufacturing requirements
- Easy setup via HMI and minimal training required
- Compact space saving bench top design
- Precision engineered knurled or heat sealing plates
- Forms from pre-cut pieces of forming material
- Modified Atmosphere Packaging (MAP) function available as an optional extra.
- Cold forming capability
- Tool-less changeover of format parts in less than 2 minutes
- All machine parts either grade 304 stainless steel, anodized aluminium or PTFE
- Perforated cutting tools (optional)
- Teflon coated forming plates
- Operating speed of approx. 200 cycles per hour for any single operation

Technical Specification

PACK TYPE:	Blister
PACK DIMENSIONS:	Max. format area: 180mm x 120mm Max. thermoform depth: 14mm* Max. coldform depth: 12mm* <small>*Dependent on material type and cavity profile</small>
OPERATION:	Semi-automatic
CONSTRUCTION:	Stainless Steel (Grade 304)
USER INTERFACE:	Touchscreen HMI, hand operated regulators, push buttons
CONTROLS:	Temperature: 0 - 200°C settable ±1 °C Pressure: 0.2 – 0.6 MPa (Force: 6.3 – 18.8 kN) Timers: 0 – 99.9 sec settable ±0.1 sec Counter: 0 - 999 cycles
UTILITIES:	Electrical: Min 110V Single phase, 15A Min 230V Single phase, 6.5A Air Supply: Min. 250 L/min at 0.6 MPa
OPERATING SPEED:	Approx. 200 cycles per hour for any single operation
TOOLING CHANGEOVER:	2-3 minutes
TOOLING WARM-UP:	Approx. 10-15 minutes
MACHINE DIMENSIONS:	655(W) x 715(D) x 555(H) mm
WEIGHT:	Machine: 138 kg Tooling: 12 kg Shipping: 200 kg (inc. tooling)
WARRANTY:	Supplied with a 12 month warranty. (Service Level Agreements and/or extended warranties are available for additional support).

Machine Operation

OPTIONS

- Modified Atmosphere Packaging (MAP) capability
- Stainless steel casing grade 304
- Coding facility
- Mobile workstation with optional reel holder
- Tooling design service
- Pack design service

Modified Atmosphere Packaging (Optional)

MAP option allows packs to be flushed with a gas as specified by the client. Flushing can be configured for set times and pressure levels.

Machine Operation

The EZ Blister offers a 3-in-1 manufacturing process via the HMI controls.

Forming

Pre-cut pieces of forming material are placed in the machine to create trays that are formed to exact product requirements.

Sealing

The formed trays are sealed with pre-cut pieces of the selected lidding material using knurled or heat sealing plates. Product traceability can be achieved by choosing the option of code embossing the lidding material.

Perforating and Cutting

The sealed trays are cut and perforated using a precision die cutter.



TASITEST

PACKAGING TEST
& INSPECTION

**Unit 25 Carrowreagh Business Park
Carrowreagh Road, Dundonald
Belfast, BT16 1QQ
United Kingdom**

 +44 2890 48 48 48

 www.tasitest.com

 www.sepha.com

2440 W Corporate Preserve Drive,
Suite 600, Oak Creek,
WI 53154 USA

 +1 4146 713 332


Dongfang Rd 3601,
Harvest Industrial Park
No.7 Building, Room 403,
Pudong, Shanghai, 200125
China

 +86 2158 366 290

Liebigstrasse 5
D-85757 Karlsfeld
Germany

 +49 8131 593 910

Via Rondona, 33
44049 - Vigarano Pieve (FE)
Italy

 +39 0532 715 631

