

Sealing Machines



SH-BT1
Table top medical tray and
blister heat sealer



Nelipak[®] custom built single station table top medical tray and blister heat sealing machines. Easy to operate with low maintenance requirements, these sealers are designed for class 7 cleanroom use.

Available options include PLC control with recipe storage or analogue version. Quick release tooling reduces change over time of production batches. Manual pushers release sealed parts increasing throughput and reducing wear on sealing dies.

Nelipak Services:

- Design Services
- Medical Packaging
- Validation
- Prototyping & Tooling
- Pharmaceutical Packaging
- Transport Totes
- Robotic Handling Trays
- Work In Progress Trays
- Total Packaging Solutions



Sealing Machines

SH-BT1 Table top medical tray and blister heat sealers

Suitable for medical device and pharmaceutical cleanroom operations, Nelipak machines seal a range of coated lid stock including; Tyvek®, paper, film or foil. In-house produced matching sealing dies ensure validated seals when used with our blisters and machines.

Nelipak's sealers are manufactured in stainless steel housing for ease of cleaning and maintenance. Manual drawer action activates sealing cycle with optional manual pushers to release product from sealing tool. Nelipak's table top line features quick change system for release and install of seal and heat plate tooling reducing change over time between tasks.

TECHNICAL SPECIFICATIONS

Weight without tool	: 430 Lbs
Footprint (width, depth, height)	: 24,8 x 25,2 x 29,1 inches
Air consumption	: 6.4 Gallons per cycle at 101.5 Psi
Required pressure	: Min 87 Psi - Max 116 Psi
Power supply / power consumption	: Single phase 220-230V - 50Hz / 2.1kW
Net. sealing area	: 16.9 x 12.9 inches (not combined)
Max. temperature	: 320 °F
Max. noise pressure	: <70 dB (A)
Max. height tray	: 5.3 mm
Maintenance pneumatic components	: Requires no lubrication or maintenance during their further service life
Control	: Siemens PLC and Siemens touch screen or analogue option
Parameters	: Programmable via touch screen and stored as recipe
Parameter adjustability	: Seal temperature 0,18 °F sealing time 0,1 sec., seal pressure 7,5 Psi
Saving sealing parameters	: Possible per sealing cycle**
Machine security settings	: Via password login with different levels**

** PLC version only

BENEFITS

- Manual drawer sealing activation
- Class 7 cleanroom compatible
- Manual pushers for easy tray removal
- Hi / Low alarms for pressure, temperature and time
- Quick tool change over system
- Stainless steel design
- Logging of seal force and seal pressure during cycle
- Network RJ45 socket, 2x USB connection for printer or other peripheral USB equipment
- IQ, OQ, PQ validation programs available
- Low maintenance requirements
- Custom built sealing dies & heat plates
- CE marked

ALSO IN OUR RANGE

- NX-T1 PLC controlled single station table top
- AH-B Rotary 2 or 4 station free standing
- AH Linear featuring automatic feed, lid placement, inline printing, robotic handling
- Storage cabinets for sealing tools and heat plates



SH-BT1 ANALOGUE MODEL

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