

Sealing Machines



NX-T1 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 sealers designed for class 7 cleanroom use.

In built RFID feature confirms sealing tool sets are matched to stored recipes reducing operator error. Touch button activation of automated sealing cycle with inbuilt injector of sealed trays for ease of removal.

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

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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.

Touch button control activates “hands free” sealing cycle. Seal drawer defaults to open position eliminating incomplete seals through over heated tools.

RFID reader confirms correct recipe and tool set combinations are selected, incorrect inputs results in machine lock out. Machine features 21 CFR 11 compliant logging of inputs providing an audit trail of data.

TECHNICAL SPECIFICATIONS

Weight without tools	: 235 kg
Footprint (width, depth, height)	: 695 x 560 x 815mm
Air consumption/required pressure	: 22 L per cycle at 7 Bar / max. : 8 Bars - min. 6 Bars
Power supply / power consumption	: Single phase 220-230V - 50Hz / 2.1kW
Net. sealing area	: 420 x 320mm (not combined)
Max. temperature	: 160 °C
Max. noise pressure	: <70 dB (A)
Max. height tray	: 135mm
Maintenance pneumatic components	: Requires no lubrication or maintenance during their further service life
Control Parameters	: Siemens PLC and Siemens touch screen : Programmable via touch screen and stored as recipe
Parameter adjustability	: Seal temperature 0,1 °C, sealing time 0,1 sec., seal pressure 0,1 Bar
Saving sealing parameters	: Possible per sealing cycle
Machine security settings	: Via password login with 6 access levels

BENEFITS

- Touch button sealing activation
- Class 7 cleanroom compatible
- Automatic pushers for easy tray removal
- RFID confirmation of tool & recipe selection
- Quick tool change over system
- 21 CFR 11 compliant logging of inputs
- Logging of seal force and seal pressure during cycle
- Network RJ45 socket, 2 x USB connection for printer or other peripheral USB equipment
- IQ,OQ, PQ validation programs available
- Separated pneumatic / electric components for ease of servicing
- Custom built sealing dies & heat plates
- CE marked

ALSO IN OUR RANGE

- SH-BT-1 Analogue 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



Contact the Nelipak® Product teams at:

Nelipak® Corporate Head Office

21 Amflex Drive, Cranston
RI, 02921 USA
P +1 401 946 2699
E info@nelipak.com

Americas Offices

Whitehall, PA
P +1 610 261 2100
Liberty, NC
P +1 336 622 2100
Phoenix, AZ
P +1 602 269 7648

Caribbean Offices

Humacao, PR
P +1 787 285 2100
Heredia, CR
P +506 22 393 856

Europe Offices

Venray, the Netherlands
P +31 478 529 000
Galway, Ireland
P +353 91 757 152



www.nelipak.com