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

**NX-T1 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.

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**: 419lbs
- **Footprint (width, depth, height)**: 22.0 x 27.3 x 32.1 inches
- **Air consumption/required pressure**: 6.4 Gallons per cycle at 101.5 Psi / max 116 Psi - min. 87 Psi
- **Power supply / power consumption**: Single phase 220-230V - 50Hz / 2.1kW
- **Net. sealing area**: 16.5 x 12.5 inches (not combined)
- **Max. temperature**: 320 °F
- **Max. noise pressure**: <70 dB (A)
- **Max. height tray**: 5.3 inches
- **Maintenance pneumatic components**: Requires no lubrication or maintenance during their further service life
- **Control**
  - **Parameters**: Siemens PLC and Siemens touch screen
  - **Parameter adjustability**: Seal temperature 0.18 °F, sealing time 0.1 sec., seal pressure 1.45 Psi
  - **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

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Nelipak® is accredited to ISO 13485-2003 and to ISO 9001-2008 and works in accordance with GMP directives. Validation services according ISO 11607. Nelipak® Healthcare Packaging is a trade name of Nelipak Corporation.