

# Tube sealer

## NZT-100



Design example - subject to alterations

Compact table top device used for hot air sealing incl. coding of plastic (polyethylene and polypropylene) and laminate tubes, previously filled with creams, gels or other dense fluids.

The device is operated by one person, whose task is to insert filled tubes, position them and remove tubes after they are sealed.

### TUBE PARAMETERS



|               |  |
|---------------|--|
| Tube diameter | ø 10–50 mm (ø 60 mm on request)                          |
| Tube height   | up to 250 mm   |
| Tube type     | plastic (PE, PP), laminate, polyfoil, purefoil, extruded |
| Seal shape    | linear 8 mm, curved, linear 25 mm (for Euro-slot)        |
| Tube coding   | single sided, dual sided or none                         |

Note: tubes depicted above have been additionally trimmed after sealing with machines POD-400, POD-400C and POD-400E



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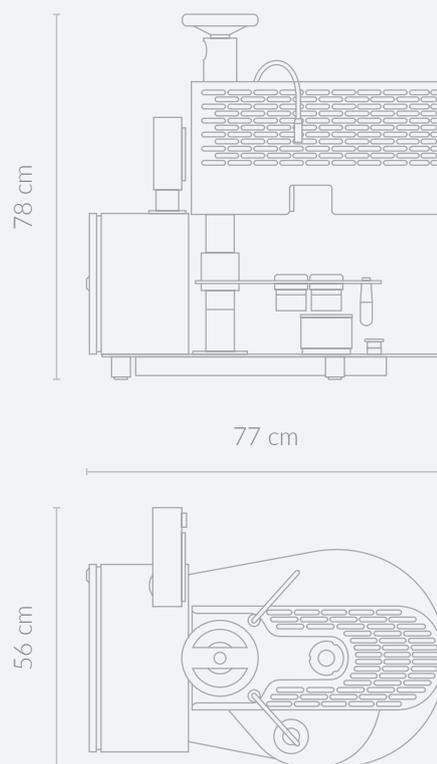
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## KEY FEATURES

- ▲ Suitable for all plastic (polyethylene and polypropylene) and laminate tubes
- ▲ Hot air sealing technology
- ▲ Electronic control of parameters and process with saving option (recipes)
- ▲ No water chiller required
- ▲ Compact and lightweight
- ▲ Fast changeover of production runs

## MACHINE COMPONENTS

- ▲ Stainless steel AISI 304 construction
- ▲ Unitronics PLC
- ▲ Camozzi and Metal Work pneumatic elements
- ▲ Laser pointers which help the operator to position tubes
- ▲ Set of fonts for tube coding
- ▲ Integrated tube seal strength tester


**NZT-100**

|                     |                            |  |
|---------------------|----------------------------|--|
| PROCESS PARAMETERS  | Machine output (speed)     | up to 12 tubes per minute                  |
| LEVEL OF AUTOMATION | Inserting of tubes         | manual                                     |
|                     | Tube orientation           | manual                                     |
|                     | Sealing of tubes           | automatic                                  |
|                     | Coding of tubes            | automatic                                  |
|                     | Removing of sealed tubes   | manual                                     |
| DEVICE PARAMETERS   | Machine dimensions         | 56 × 77 × 78 cm                            |
|                     | Net machine weight         | 66 kg                                      |
|                     | Power supply               | a. 220–240 V, 1.9 kW; b. 110–120 V, 1.7 kW |
|                     | Air pressure required      | 0.6 MPa                                    |
|                     | Compressed air consumption | up to 220 l/min                            |



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