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2550 1UP BALLOON FORMING MACHINE

The **2550 Balloon Forming Machine** is designed for the production of a wide range of very accurate and repeatable high-quality polymer balloons for angioplasty and other medical applications.

The standard machine convinces with the modular options to adapt the machine to specific customer needs.

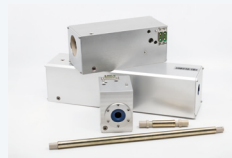
The machine is equipped with a PLC control, a PC with touch screen and the user-friendly BW-TEC HMI. Process parameters for individual products can be stored in separate recipes. Due to the network compatibility a connection to production databases can be made possible. The machine meets the highest safety requirements.



Product Fixture with Quick Release



Pneumatic Gripper



Heating Blocks and Balloon Molds

Options

Length

- Balloon Length S: 6 – 300 mm
- Balloon Length L: 6 – 350 mm

Pressure

- Low Pressure L: 0 – 9 bar (0 – 130 psi)
- High Pressure S: 0 – 50 bar (0 – 725 psi)
- High Pressure H: 0 – 70 bar (0 – 1.015 psi)

Temperature

- Temperature S: 20 – 250 °C (68 – 482 °F)
- Temperature H: 20 – 315 °C (68 – 599 °F)

Additional Options

- Force Measurement
- Flow Measurement

S = Standard, L = Long/Low, H = High

Technical Specifications

- up to 150 balloons per shift
- process time: 2 – 5 min
- balloon mold diameter: Ø 1.5 – 40 mm
- balloon mold length: 6 – 350* mm
- process temperatures: 20 – 315* °C (68 – 599* °F)
- cooling with external system
- process pressure: 0 – 70* bar (0 – 1015* psi)
- low pressure system 6 – 8 bar (87 – 116 psi) for product fixation

- servo-motors
- quick release for rapid exchange of heating blocks
- user interface with BW-TEC HMI on touchscreen
- PLC controller and PC for HMI and data management, network compatible
- dimensions (L x W x H): 1.860 x 840 x 14.450 – 1.650 mm (adjustable)
- weight: 220 kg (excl. chiller)
- power: 110 or 230 VAC, 2000 W

* siehe Optionen