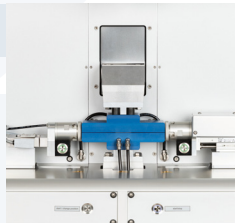




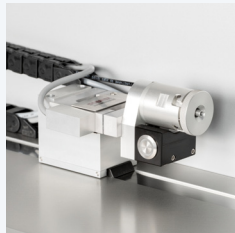
BALLOON FORMING MACHINE 2430

The **2430 Balloon Forming Machine** is designed to produce a variety of soft balloons. The electrical heated stretch, pump-blow molding process allows the production of different high-quality balloons for medical applications. The split allows the production of different balloons with complicated shapes. The machine is characterized by a short process time.

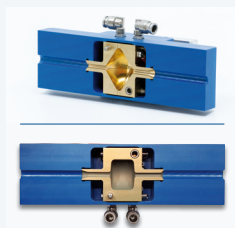
The user-friendly machine is equipped with a PLC Controller, PC with touchscreen and the BW-TEC HMI. A connection to an external database can also be provided. All process parameters for specific products can be stored in separate recipes.



Core Unit Forming Process



Pneumatic Gripper



Balloon Mold with Barcode

Technical Specifications

- up to 150 balloons per shift
- process time: 2–6 min (depending on size)
- process temperatures: 20 – 250 °C (68 – 482 °F)
- cooling with external system
- process pressure: 0–6 bar (0–87 psi)
- pneumatically actuated fasteners are used for holding the product
- low pressure system 6–8 bar (87–116 psi) for product fixation
- linear stretching distance: left/right 450mm
- minimal tube length before stretching: 15.5 mm
- servo drives
- barcode scanner for balloon form detection
- simple 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): 1500 x 750 x 1350 mm
- weight: 120 kg
- power: 110 or 230 VAC/2000 W others upon request