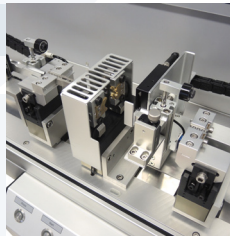




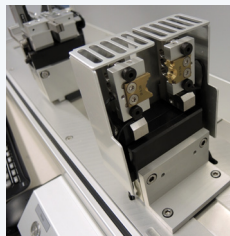
DUAL NECKING MACHINE 1610

The **Necking Machine** is designed to neck down balloon tubes. The machine can process the distal and the proximal side in one set up. The tube is pulled through a heated die and reduced to a defined parison length and sleeve diameter. The split die opens into two parts to enable easy loading. The final diameter of the tube and the parison length can be changed by adjusting the following parameters: die diameter, temperature, speed and sensor position.

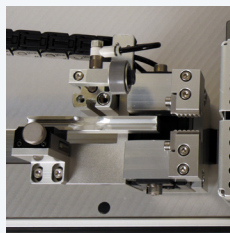
The parameters of every product can be stored as recipe in order to achieve reproducibility. The machine provides fast process time and precisely repeatable lengths for small and larger tube dimensions.



Necking Mechanism



Dual Split Die Open



Pneumatic Gripper

Technical Specifications

- cycle time: ca. 30 sec
- tube diameter: 0.7–9 mm
- neck down diameter: 0.6–4 mm
- pneumatically actuated gripper
- 2 linear guides with ball screw spindle and 3Phase stepper motor 1.5 Nm
- max. linear movement: left 440 mm/right 440 mm (+parison length)
- max. parison length 300 mm
- linear travel speed: 1–100 mm/s
- process temperature: 20–200 °C
- 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): 1640 x 570 x 560 mm
- weight: 86 kg
- power: 115/230 VAC 450 W
- air pressure: 6–8 bar (87–116 psi)

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