Balloon forming machine 2530 4UP
To mold four balloons in one cycle. Balloon mold diameters between 1.5 – 14 mm and lengths of 8 – 60 mm are possible.

Necking machine 1555 1-4UP
To blow a variety of plastic balloons. The small footprint and the up to four vertical balloon machines are a great advantage to gradually meet growing production demands.

CUTTING DEVICE 1401
To manually cut plastic tubes for a variety of different diameter and wall thickness. The cutting head is mounted on a precision linear slide.

Balloon forming machine 1535 1UP
To mold a variety of plastic balloons (1.5 – 40 mm / lengths 8 – 350 mm). Standard machine with a wide range of options.

Tube cutting machine 2537
To automatically cut various plastic tubes with small wall thickness and for high cutting volumes.

Necking machine 2105 5UP
To neck down up to five tubes simultaneously prior to the balloon forming process in order to define parison length and sleeve diameter.

Hot Jaw bonder 23 3UP
To bond plastic tubes by heat transfer through custom designed jaws. Welding force is achieved by a heat shrink.

Inspecion device 2349 1UP
To do inspection of balloon catheters in water bath with precise pressure control and an optical micrometer. Used for burst-, compliance-, leak-, and multiple inflation testing. Option: Inflation- and deflation measurement.

Pressure tester 2577 8UP
To do final inspection of balloon catheters. Used for burst-, compliance-, leak- and fatigue testing.

Pressure tester 2766 1UP
To do final inspection of balloon catheters with water. Used for burst-, compliance-, leak- and multiple inflation testing.

Hydrophilic coating machine 2269
To coat up to 21 products simultaneously by dipping and are cured with UV exposure. The machine is equipped with a temperature and humidity sensor and two digital cameras to monitor the process.

Hot air station 1412
To be used in many different applications. Useful for heat shrink fixation, luer bend protection and welding of simple connections.

Cutting device 1401
To cut the proximal and distal ends of balloons. The cutting die is customized according to the angle of the cone and the preferred length of the sleeve.

Vertical necking machine 1600/1610 1UP
To neck down a tube through a split die prior to the balloon forming process in order to define parison length and sleeve diameter.

Leak tester 1942 1UP
To do final inspection of balloon catheters with high pressurized air. Can pressurize up to eight balloons at a time.

Soft bal. forming machine 2430
To blow a variety of high-quality soft balloons. The split head allows the production of balloons with complicated shapes. The machine is characterized by a short process time.

Pressure tester 2539 1UP
To do inspection of balloon catheters in water bath with precise pressure control and an optical micrometer. Used for burst-, compliance-, leak-, and multiple inflation testing.
BW-TEC AG offers a comprehensive and leading-edge line of equipment for balloon production, catheter manufacturing, coating and testing for the medical device industry. This includes machinery for balloon forming, welding, necking, cutting, coating, testing, mold production and more.

BW-TEC develops and builds customized equipment for the medical device industry for a wide range of applications.

Swiss quality is ensured through more than 20 years of engineering experience in the industry and by designing and manufacturing all equipment in Switzerland.

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