



2349 1UP INSPECTION DEVICE

The **2349 1UP Inspection Device** was developed for balloon catheter tests according to DIN EN ISO 10555.

The testing is performed in a tempered water bath with precise pressure control and an optical micrometer. Pressure cycles for products with different requirements can be defined and saved as recipes. The test result is generated as XPS or PDF and can be saved locally or on a network folder. The network compatibility allows a connection to an external database.

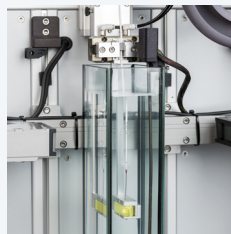
Burst Test: continuous pressure increase with defined speed to burst pressure

Compliance / Multiple Inflation Test: gradual pressure increase with dwell times for measuring the compliance balloon diameter

Inflation and deflation measurement: cycle measurement filling and emptying of the product



Product Guidance Catheter



Test Unit Water Bath



Product Guidance Balloon

Technical Specifications

- test pressure up to 50 bar \pm 0.05 (725 psi \pm 0.725)
- pressure medium: H₂O
- water temperature of water bath: 25 – 50 °C \pm 2 °C
- product dimension: \varnothing 0.5 – 65 mm / L = 200 mm
- diameter measurement accuracy: \pm 3 μ m
- test connection Luer Lock male and tube gripper
- low pressure system: 6 – 8 bar (87–116 psi) for product fixation
- bottle for test liquid
- user-friendly interface BW-TEC HMI on touchscreen
- PLC controller and PC for HMI and data management, network compatible
- dimensions (L x W x H): 700 x 640 x 1320 mm
- weight: 110 kg
- power: 110 or 230 VAC / 1300 W