

# UNIQUE LEAK TEST STATION

DEVELOPED FOR TESTING OF UNSTABLE PRODUCTS WITH VOLUMES UP TO 3000 LITERS

This leak test station is a flexible solution for testing large products in a clean room environment. It combines the unprecedented precision of our ZEDcore Measuring Module with a unique housing and hardware to test huge volumes faster than ever before. Two different measuring circuits enable different multi-step filling processes for small to medium sized or large sized testing parts.

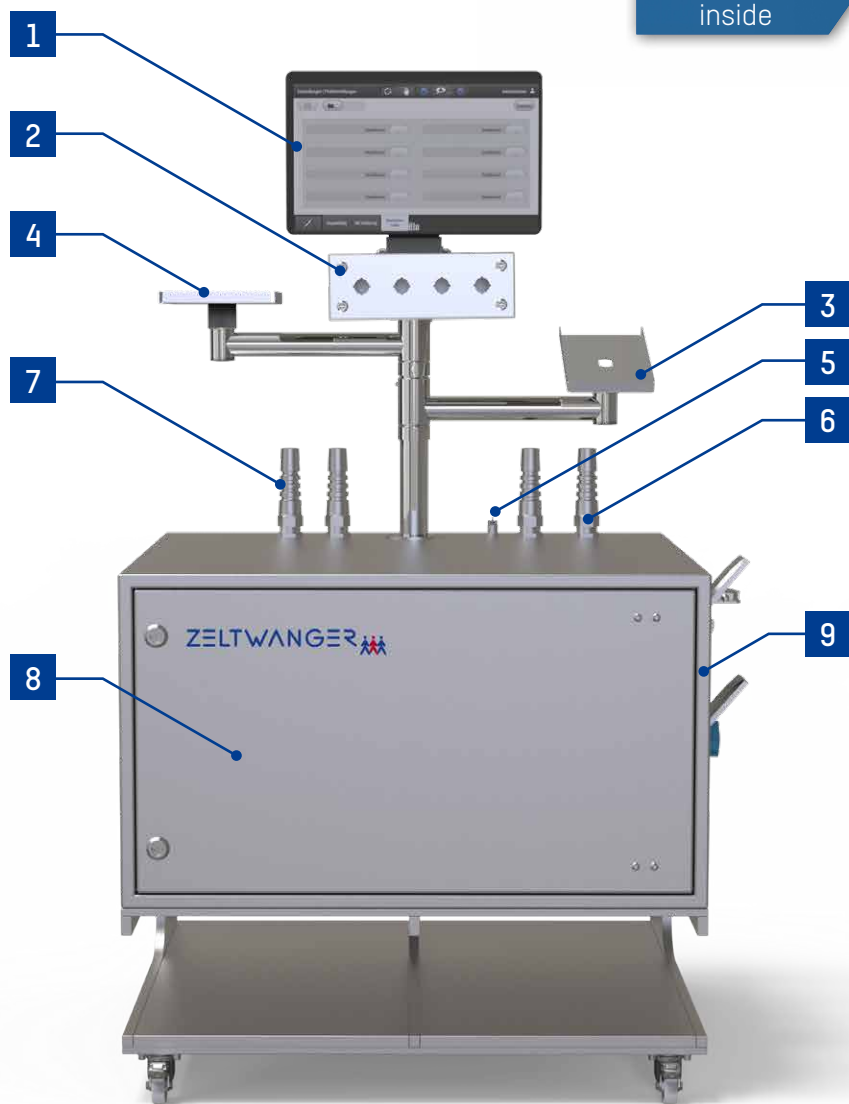
Developed for the testing of bioprocess bags it meets all requirements of the medical industry.

## CORE FEATURES

- + Multi-step filling process to speed up the filling
- + Monitoring regarding kink protection to avoid damage
- + 2 measuring circuits with medical air filters included
- + Stainless steel housing for clean room usage
- + Fixed test leaks for 10, 25, 35, 50, 75, 100 or 250 $\mu$ m (other diameters on request)



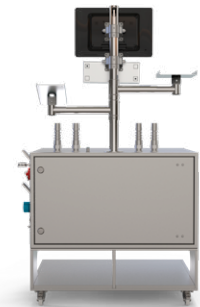
# TESTING STATION SETUP



- 1 TFT-touch screen display
- 2 START/STOP
- 3 Mount for printer
- 4 Mount for scanner
- 5 Connection for fixed test leak or leak calibrator
- 6 Connections for flexible or static test parts
- 7 Connection for internal test volume
- 8 Maintenance door
- 9 External ventilation

## FEATURES

- + Multi-step filling process
- + External ventilation to speed up the venting
- + Stainless steel housing for cleanroom usage
- + Monitoring regarding kink protection
- + 2 measurement circuits with medical air filters (mesh size 0.2µm). One for larger volumes, one for smaller volumes able to be stabilized.
- + Set of fixed test leaks of 10, 25, 35, 50, 75, 100, 250µm (other diameters on request)
- + Test results stored locally (external storage optional)
- + Individual documentation of all results
- + Printer optional
- + Scanner optional (e.g. BAR-code scanner for program choice)
- + Red-/green-signal lamps as indicator for the test result
- + Service: Yearly calibration and maintenance for the Leak Test Station and the test leaks



Measurement method	RD
Power Supply	230 VAC / 110 VAC (+10/-5 %) 16A
Test Medium	Compressed air [minimum: free of oil- and water ISO 8573-1 class 3] / Nitrogen / Forming gas
Pneumatic Supply	Min. 6,0 bar r / 87 psi General 1,0 bar / 14,50 psi over test pressure
Ambient Temperature	10 ... 40 °C / 50 ... 104 °F
Medium Temperature	10 ... 40 °C / 50 ... 104 °F
Dimensions (Height x Width x Depth)	Approx. 1600 x 800 x 700 mm / 63" x 31,5" x 27,5"
Weight	200 kg / 440 lbs
Test Pressure Range	0-350 mbar (standard)
Accuracy	1 % FS
Resolution	2 ppm FS

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