



ZED station

The stand-alone cell closes the gap between individual test devices and the fully-automated assembly units. The station makes the testing of components for leaks and function economical and faster than the individual manual process.

Available modules:

- RD Gauge pressure
(Option: 2 channels)
- RD / GP Gauge pressure with bell jar
- RD / DF Gauge pressure with flow rate
- DD Differential pressure
- SD Impact Pressure
- MF Mass flow

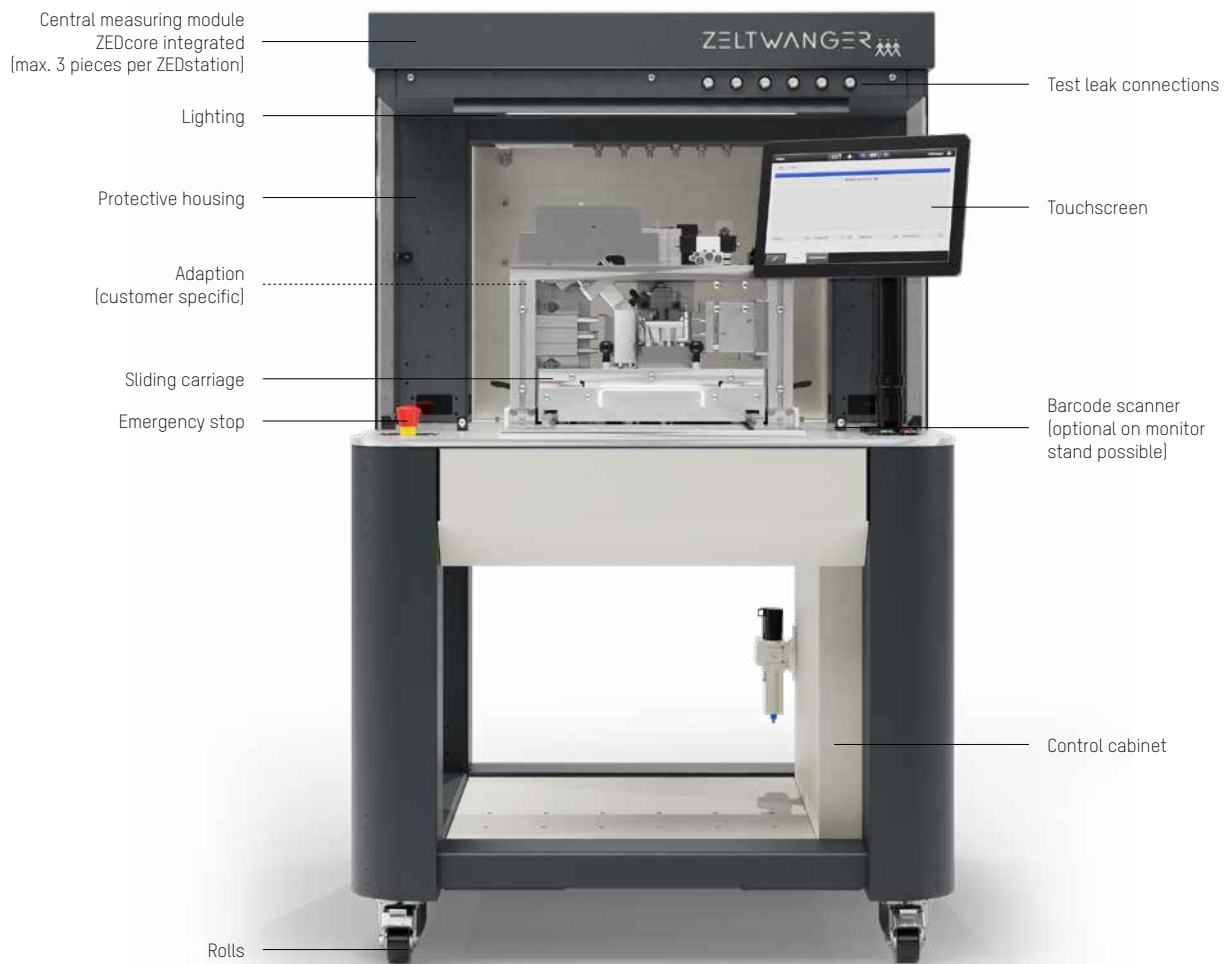
[See technical data for available pressure ranges
ZEDbase+ / ZEDmod]

Application examples:

- **Automotive:** Complete motors, cylinder heads, gearboxes, heat exchangers, electronic control systems, batteries, cables, valves, fuel cells, pumps, ...
- **Medical technology:** Catheters, dialysis filters / boxes, flushing / hose systems, secretion bottles, syringes, external lung machines, ...
- **Packaging / Cosmetics:** Dosing pumps, plastic bottles, cartridges, ...
- **Household appliances:** Water distributors / pumps, gas valves / armatures, stoves, compressors, ...
- **General industry:** Cylinders, safety / check valves, couplings, grippers, ball valves, gaskets, ...

Accessories (optional):

- Label printer
- Barcode scanner
- Keyboard drawer
- NIO-tray
- Marking unit
 - Laser marking
 - Scribing
 - Color coding
 - Punch marking



Product characteristics:

Control unit: PC-based control system with efficient multi-core CPU and Windows Embedded 7

12" TFT color display with touchscreen

Data storage > 1,000,000 test results

Intuitive operation with additional individual user control for fast navigation on the station

Customer-specific combinations of leak and function tests

Simple and modular load alternator for fast modifications for different test items

Ergonomic design and operation

Individual result-management

LED concept gives clear status indication

Operating options:

Barcode scanner*

Sensor

Touchscreen

Interfaces:

USB and Ethernet interfaces: e. g. for data export in CSV, XML formats

Dimensions (H x W x D):

a) approx. 1.600mm x 1.030 x 1.040 mm

b) approx. 1.600mm x 1.430 x 1.040 mm

c) approx. 1.600mm x 1.430 x 1.440 mm

*optional

Information concerning technical data can be found on the ZEDbase+ and ZEDmod data sheets.

Further details, test pressures, control system options, customer-specific records of overarching data capture and evaluation systems available on request