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 ZEDcore modules:

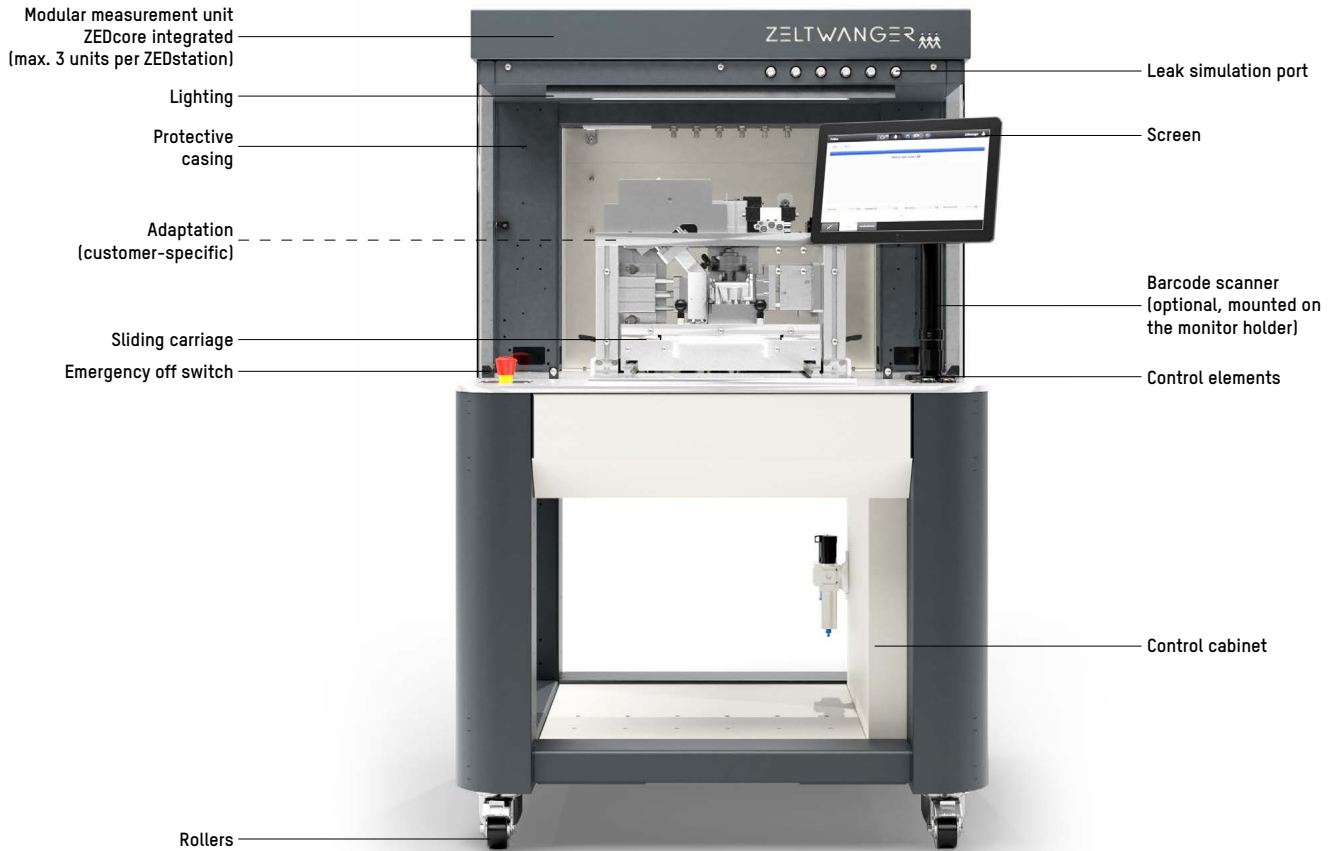|	
RD	Gauge pressure (Option: 2 channels)
RD / GP	Gauge pressure with bell jar
RD / DF	Gauge pressure with flow rate
DD	Differential pressure
SD	Impact Pressure
MF	Mass flow

(See technical data for available pressure ranges ZEDcore)

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

Modular measurement unit ZEDcore integrated (max. 3 units per ZEDstation)

Lighting

Protective casing

Adaptation (customer-specific)

Sliding carriage

Emergency off switch

Rollers

Leak simulation port

Screen

Barcode scanner (optional, mounted on the monitor holder)

Control elements

Control cabinet

Product characteristics:

Control unit: PC-based control system with efficient multi-core CPU and Windows 10 IoT Enterprise

15" 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. 62.99 x 39.37 x 43.31 in / 1,600 x 1,000 x 1,100 mm

b) approx. 62.99 x 55.12 x 43.31 in / 1,600 x 1,400 x 1,100 mm

c) approx. 62.99 x 55.12 x 59.06 in / 1,600 x 1,400 x 1,500 mm

*optional

Information concerning technical data can be found on the ZEDcore data sheet.