

ZED station

The standalone cell closes the previous gap between the individual tester and the fully automated system. The station allows you to more economically and quickly test parts for leaks and function than is possible through a manual individual test.

TYPICAL APPLICATIONS

- + **Automotive:** Engines, cylinder heads, transmission, heat exchangers, control electronics, batteries, pipes, valves, fuel cells, pumps, etc.
- + **Medical technology:** Catheters, dialysis filters/boxes, flushing systems, tubing systems, secretion containers, syringes, respirator devices, etc.
- + **Packaging / cosmetics:** dosing pumps, plastic bottles, cartridges, etc.
- + **Domestic appliances:** Water diverters, water pumps, gas valves / fittings, stoves, compressors, etc.
- + **General industry:** cylinders, safety / check valves, couplings, grippers, ball valves, seals, etc.

Accessories (optional):

- + Label printer
- + Data matrix scanner
- + Keyboard drawer
- + NOK shaft
- + Marking unit
 - Laser marking
 - Scribe embosser
 - Color marking
 - Center mark

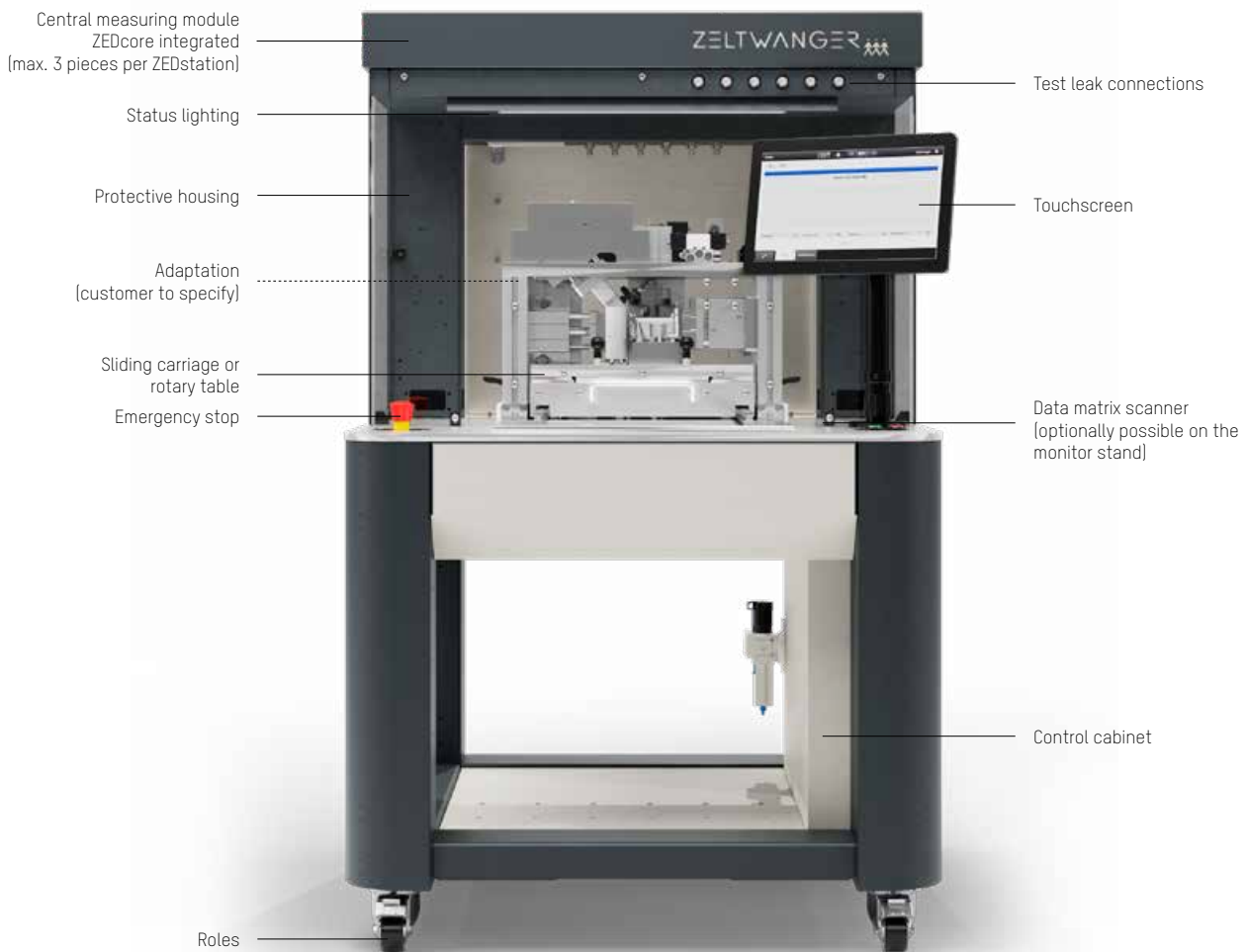
MEASUREMENT METHODS

RD	Relative pressure [optional: 2-channel]
RD / GP	Relative pressure with bell testing
RD / iDF	Relative pressure with indirect flow
RD / DF	Relative pressure with flow
DD	Differential pressure
DD / GP	Differential pressure with bell test
SD	Dynamic pressure
MF	Mass flow

[for available pressure ranges, see technical data]

On request, all installed pressure sensors can be supplied directly by ZELTWANGER in accordance with **DIN EN ISO/IEC 17025** with a **calibration certificate** and **accreditation symbol**.





Product features:

Control unit: EtherCAT PLC control as well as proven PC-based visualization and leak test on multi-core CPU with Windows 10 IoT Enterprise

17" TFT color display with capacitive touchscreen

Data storage > 1,000,000 test results

Intuitive operation with additional individual user guidance allows you to quickly find your way around the station

Customer-specific combinations of leak testing and functional testing

Simple and modular changeover device for quick changeover of various DUTs

Ergonomic design and operation

Individual NOK management

Clear status display thanks to innovative LED concept

Operating options:

Data matrix scanner*

Button

Touchscreen

Interfaces:

USB and Ethernet interface: e.g., for data export to CSV, XML formats

Dimensions (H x W x T):

a) 1,600 x 1,000 x 1,000 mm

b) 1,780 x 1,400 x 1,000 mm

*optional

Information on the technical data of the leak and flow test can be found in the ZEDcore data sheet.