

ZED flex

The ZEDflex leak test solution solves customer-specific requirements by means of flexible, positionable measuring circuits. The highly powerful ZED software is used for this purpose. The universal ZEDcontrol evaluation unit enables secure data exchange and archiving of measurement results. The flexible measuring circuits use the compact ZEDsatellite^{*}.

TYPICAL APPLICATIONS

- + Automotive: Complete 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 valves, check valves, couplings, grippers, ball valves, seals, etc.

RDRelative pressure
(optional: 2-channel)RD/GPRelative pressure with bell testingRD/iDFRelative pressure with indirect flowRD/DFRelative pressure with flow

AVAILABLE MEASURING CIRCUITS*

- DD Differential pressure
- **DD/GP** Differential pressure with bell test
- SD Dynamic pressure
- MF Mass flow

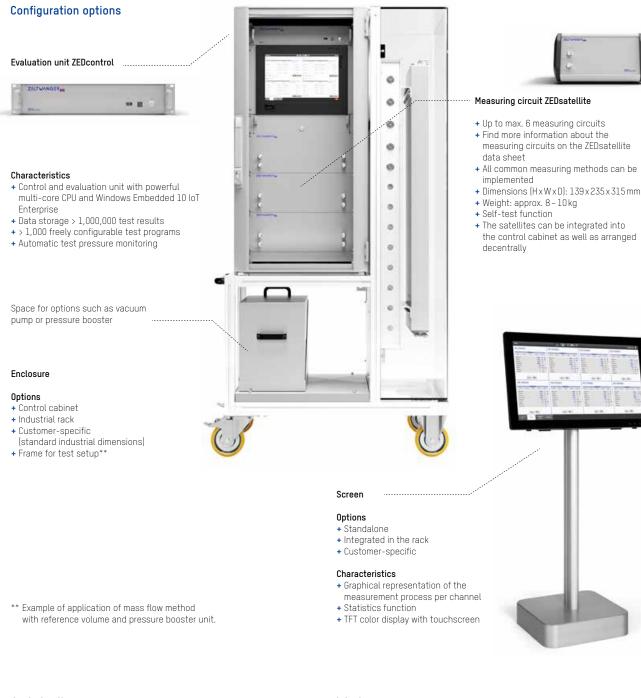
(* for available pressure ranges, see ZEDsatellite data sheet)

Accessories (optional):

- + Keyboard drawer, including keyboard
- + Industrial PC (Beckhoff or Siemens)
- + Screen (rack-mountable 17")
- + Barcode scanner
- + Frame for test setup
- + Vacuum pump: Test pressure-dependent option, if not available on site
- + Reference volume, e.g. for measuring methods for mass flow
- + Adapter







| PROFIBUS/PROFINET/ETHERCAT | Barcode control (RS232) |
|---|-------------------------|
| Ethernet (Modbus, WebAPI, OPC-UA) | RS232 (Modbus) |
| 8 freely configurable inputs and outputs. Optionally expandable | |

Interfaces:

Display port: For connecting an external monitor USB and Ethernet interface: e.g. for data export to CSV, XML RS232 interface: e.g. for the leak calibrator Power supply: 24 V DC (+10/-5%) 6.7 A

Additional accuracies, test pressures, control options, customer-specific protocols for higher-level data acquisition and evaluation systems on request.