



## ZEDflex

The ZEDflex leak test solution meets customer-specific requirements through flexibly positionable measuring circuits. It uses the powerful ZED software. A universal evaluation unit allows secure data exchange and archiving of measurement results. The flexible measuring circuits rely on the compact ZEDsatellite\*.

### 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, ...

### Available testing methods\*:

- 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

### Accessories (optional):

- Keyboard drawer
- Keyboard
- Color display (standard rack 17")
- Barcode scanner
- External venting valve
- Rack for test setup

## Configurator

### Evaluation unit ZEDcontrol



### Features

- + Control and evaluation unit with efficient multi-core CPU and Windows Embedded 7
- + Data storage > 1,000,000 test results
- + > 1,000 test programs with unrestricted parameter settings
- + Automatic test pressure monitoring

### Housing

#### Options

- + Cabinet
- + Rack
- + Customer specific [Standard]
- + Rack for test setup\*\*



### Measurement modules ZEDsatellite

- + Up to 8 devices
- + See datasheet ZEDsatellite for further details
- + We offer all common leak testing methods
- + Dimensions (HxWxD): 139x235 x 315 mm
- + Weight: 8 – 10 kg approx.
- + Self-testing function
- + ZEDsatellite could be integrated into cabinet, as well as although decentralized



### Display

#### Options

- + Stand-Alone
- + Integration into Rack
- + Customer specific

#### Product characteristics

- + Graphic display of the measurement course on each channel
- + Statistic function
- + TFT color display with touchscreen



\*\* E.g. Massflow with reference leak and pressure booster

### Control Options:

PROFIBUS / PROFINET***	Barcode control system (RS232)
Ethernet (Modbus)	RS232 (Modbus)
Configurable digital inputs / outputs***	

\*\*\* optional

### Interfaces:

**VGA:** 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:** 24VDC (+10 / -5 %) 6.7A

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