



- Leak Testing -

PRESSURE DECAY

deFlux[®]

*“Compact intuitive sophistication,
without concessions”*



Extreme Accuracy



4,3" Touch Screen



Network Connection



Smart Feature

FEATURES & BENEFITS

- Extreme accuracy
- DiFlow[®] configuration
- Easy to use
- Color Touch Screen
- Multiple measurement types
- Leak find function
- Easy to setup

Nolek deFlux

deFlux, for the next generation of leak test instruments. Electronics and pneumatics have been redesigned from the ground up to meet our customer demands and future needs. The operator interface has been updated with color display, touch control, real time display of the measurement sequence and active schemas and graphs.

Remote control is made possible through Siemens Smart Service.

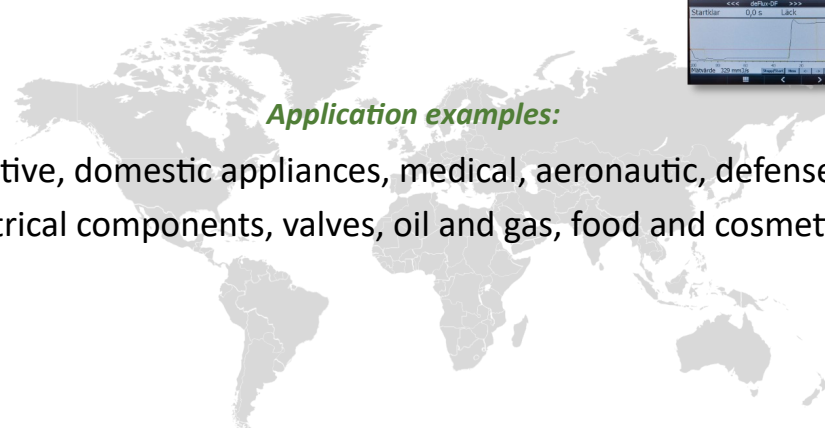
The instruments are available in a multitude of configurations, for example flow measuring, differential pressure measuring and absolute pressure measuring. Media is air, overpressure or vacuum.

Specifications

| | |
|-----------------------------------|--|
| Ranges of leak measurement | -250 Pa to 250 Pa (dpt) |
| Pressure range | -100 to 0 kPa (Vacuum) 0 to 800 kPa (Overpressure) |
| Measuring possibilities | Differential pressure, Mass-flow, diFlow, Pressure increase, Vacuum |
| Communication | Industrial Ethernet, S7 com, IO, USB RS232(o), TCP/IP(o), ProfiNet(o) |
| Interface | 4,3" TFT Display, Color and Touch |
| Optional Smart Solution | Sm@rtServer / Sm@rtClient |
| Dimensions H x W x D | 322 x 150 x 380 mm |
| Weight | Approx 12 kg |
| Power Source | 100 - 250V, 50 - 60Hz |
| Air supply | 600 - 900 kPa |
| Operating temperature | 5 to 40 °C |
| Languages | English(US) and Swedish, (Others on |
| Display Unit | kPa, Bar, Psi, mm ³ /s, cm ³ /m |

Configuration overview:

| Function | deFlux-D | deFlux-DV | deFlux-DK | deFlux-DF | deFlux-DFV | deFlux-F |
|----------------------------|----------|-----------|-----------|-----------|------------|----------|
| Overpressure | ✓ | | ✓ | | | |
| Vacuum | | ✓ | ✓ | | ✓ | |
| DiFlow® configuration | | | | ✓ | ✓ | |
| Flow measurement | | | | | | ✓ |
| Differential measurement | ✓ | ✓ | ✓ | | | |
| 4,3" TFT Color touchscreen | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Build-In Web Server | ○ | ○ | ○ | ○ | ○ | ○ |
| Multipurpose USB Port | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| ProfiNet / ProfiBus | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Ethernet/IP | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Application examples:

Automotive, domestic appliances, medical, aeronautic, defense, HVAC, fluid and electrical components, valves, oil and gas, food and cosmetic packaging...

YOUR PARTNER IN LEAK DETECTION!

We are the world's leading total solution provider of leak testing, proof testing, leak detection, helium charging and recovery and non-destructive testing equipment. As leak detection is most often an additional step in the production process, which adds cost, it is imperative to work with a company with a wide range of experience. Important, as well, is a willingness to work with customers as partners to define a test method that allows for the optimal ratio between equipment cost and productivity. In addition to building test systems, Nolek can provide customers with guidance throughout the entire process ranging from product design advice to assistance with maintenance, service and calibration. Nolek's headquarter and manufacturing facilities are located in the southern part of Stockholm, Sweden with a large manufacturing facility in Malaysia. To serve our worldwide customer base we have direct offices in the USA, Denmark, China, Hungary and The Netherlands. Nolek proudly has approximately 7 distributors worldwide.

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