



- Leak Testing -

## DATA SHEET

# nolek deFlux®

*"Accuracy and reliability are cornerstones  
in any leak testing process"*



### FEATURES & BENEFITS

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

### deFlux® PLATFORM

We have developed a new platform; 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 need for a separate calibration instrument can be eliminated through the option to integrate it inside the leak test instrument.

### SPECIFICATIONS

Ranges of leak measurement	-500 Pa to 500 Pa (dpt)
Pressure range	-100 till 0 kPa (Vacuum) 0 till 800 kPa (Overpressure)
Communication	IO, ProfiNet(o), others on request.
Interface	4,3" TFT Display, Color and Touch Operation
Optional Smart Solution	Sm@rtServer / Sm@rtClient
Dimensions H x W x D	12.67x5.9x14.96"
Weight	Approx 12kg
Power Source	100 - 250 V, 50 - 60 Hz
Air supply	5.5 - 10 Bar / 79 - 150 PSI
Operating temperature	5 to 40°C
Languages	English(US) and Swedish
Display Unit	kPa, mm <sup>3</sup> /s, others on request

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Visit Today for your enquiry or specific need!

LEAK TEST INSTRUMENTS

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proof testing solutions.





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Configuration overview:

Function	deFlux A	deFlux AV	deFlux D	deFlux- DV	deFlux DK	deFlux DF	deFlux DFV	deFlux F	deFlux FV
Overpressure	✓	✓	✓		✓			✓	
Vacuum		✓		✓	✓		✓		✓
DiFlow® configuration						✓	✓		
Flow measurement								✓	✓
Abs. measurement	✓	✓							
DPT-500 measurement			✓	✓	✓				
4,3" TFT Color touchscreen	✓	✓	✓	✓	✓	✓	✓	✓	✓
Build-In Web Server	✓	✓	✓	✓	✓	✓	✓	✓	✓
ProfiNet	○	○	○	○	○	○	○	○	○
I/O	✓	✓	✓	✓	✓	✓	✓	✓	✓

### Example Applications :

Air conditioning components - Automotive - Heat-exchangers - Casting -  
Packaging - Electronics - Machine building

Pharmaceutical and medical - Pumps and water armature - Quality control



## 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 15 distributors worldwide.

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