



- Leak Testing -

PRESSURE DECAY

S9<sup>®</sup>

*“The powerful all-round classic,  
with its proven record”*



High  
Accuracy



Communication

## FEATURES & BENEFITS

- Well known global concept
- Easy to use & calibrate
- Multilingual
- Flexible set up possibilities
- Tower and desk model
- Combined pressure ranges
- Multiple measurement types
- Optional fixture control

### Nolek S9

The powerful all-round classic, test instrument Nolek S9 is used to perform leak testing on products that need to be air or liquid proof e.g. a medicine can has to be moisture resistant and an engine has to be totally liquid proof. Testing with over-pressure or vacuum is carried out quicker, easier, and less expensive than testing using the product's working media.

The S9 is a superior leak test instrument available for different working pressures, from vacuum pressure to 1500 kPa.

### Specifications

<b>Ranges of leak measurement</b>	-500 Pa to 500 Pa (dpt) <i>For flow instrument different ranges under request</i>
<b>Measuring possibilities</b>	Differential pressure, Mass-flow, Pressure increase, Vacuum increase
<b>Pressure range(s)</b>	-100 till 1500 kPa <i>Divided in LOW, NORMAL, HIGH, EXTRA HIGH version</i>
<b>Standard/optional communication</b>	RS232, limited I/O <i>Optional: extra HW I/O, TCP/IP</i>
<b>Interface</b>	Optional 6" TFT Display, monochrome Fixed or separate for easy integration
<b>Dimensions H x W x D</b>	400 x 188 x 315 mm
<b>Weight</b>	Approx 16kg
<b>Power Source</b>	100—240VAC / 0.9A 50-60Hz
<b>Air supply</b>	550 - 1000 kPa
<b>Operating temperature</b>	5 to 40 °C
<b>Included Languages</b>	English, Danish, German, Swedish <i>Optional: Any other language under request</i>
<b>Display Unit</b>	Dpt: Pa Flow: cm <sup>3</sup> /m, mm <sup>3</sup> /s, l/min Pressure: kPa, mbar

### Configuration overview:

Function	S9-(T,D)-O-F	S9-(T,D)-O-D	S9-(T,D)-V-D	S9-(T,D)-O-FD	S9-(T,D)-O-DPI	S9-(T,D)-V-DPI	S9L-(T,D)-O-F	S9L-(T,D)-V-F	S9L-(T,D)-O-D	S9L-(T,D)-V-D
Overpressure	✓	✓		✓	✓		✓		✓	
Vacuum		0	✓	0	0	✓		✓		✓
Variable Press. Range	✓	✓		✓	✓		✓		✓	
Diff pressure		✓	✓	✓	✓	✓			✓	✓
Flow	✓			✓			✓	✓		
Pressure Increase					✓					
Vacuum Increase						✓				
Lite Version							✓	✓	✓	✓
RS232 Communication	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethernet	0	0	0	0	0	0				
Extended I/O	0	0	0	0	0	0				

Integration example



Desk Model



Tower Model



### Standard languages:



### 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 15 distributors worldwide.

[www.nolek.com](http://www.nolek.com)

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