



- Leak Testing -

PRESSURE DECAY

S9

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



FEATURES & BENEFITS

- High accuracy
- Well known global concept
- Flexible set up possibilities
- Standard and specials
- Tower and desk models
- Combined pressure ranges
- 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

Ranges of leak measurement	-500 Pa to 500 Pa (dpt)
Measuring possibilities	Differential pressure, Mass-flow, Pressure increase, Vacuum increase and Time-Dosing
Pressure range(s)	-100 till 0 kPa (Vacuum) 5 till 1500 kPa (Overpressure) <i>(5 standard versions)</i>
Standard/optional^(o)communication	RS232, HW I/O9 ^(o) , TCP/IP ^(o)
Interface	Optional 7" TFT Display, monochrome Fixed or separate for easy integration
Dimensions H x W x D	400 x 188 x 315 mm
Weight	Approx 16kg
Power Source	100—240VAC / 0.9A 50-60Hz
Air supply	550 - 600 kPa / 79 - 87 PSI
Operating temperature	5 to 40 °C
Languages	English, Danish, German, Swedish, Spanish and Dutch.
Display Unit	Pa, cm ³ /m, mm3/s, l/min Bar, kPa, Psi

Nolek S9 Standard types:

Type	Overpressure	Vacuum	Variable Press. Range	Diff pressure	Flow	Pressure Increase	Vacuum Increase	Lite Version
S9-(T,D)-O-F	✓		✓		✓			
S9-(T,D)-O-D	✓	0	✓	✓				
S9-(T,D)-V-D		✓						
S9-(T,D)-O-FD	✓	0	✓	✓	✓			
S9-(T,D)-O-DPI	✓	0	✓	✓		✓		
S9-(T,D)-V-DPI		✓		✓			✓	
S9L-(T,D)-O-F	✓				✓			✓
S9L-(T,D)-V-F		✓			✓			✓
S9L-(T,D)-O-D-L	✓			✓				✓
S9L-(T,D)-V-D-L		✓		✓				✓

Integration example



Desk Model



Tower Model



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.

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