

SniffIT Control Leak

“SniffIT verification tool ”



FEATURES & BENEFITS

- Tool for checking function of leak detectors
- High accuracy
- NOT a calibrated reference leak

SniffIT Control Leak

In order to verify the function of the SniffIT X1 Leak detector, Nolek has developed the SniffIT Control Leak. SniffIT Control leak is also to be used as a verification tool. It is used when you want to compare a leak rate on your test object in order to verify if the leak is under or over accepted limits.

Leak Flow Chart

The leak rate of the control leak will differ depending on the pressure in the cylinder. At 15 bar the leak rate is approximately 5.0×10^{-3} mbar.l/s, whilst at 1 bar the rate is approximately 5.0×10^{-5} mbar.l/s. Enclosed with each leak there is a flow chart. The flow chart gives you an indication of the expected leak rate at various pressure levels. You are able to charge the leak to a certain pressure in order to achieve the specific leak rate you are looking for.

Specifications

Leak	Metal capillary leak
Flows	Approx. 5×10^{-3} mbar.l/s @ 15 bar Approx. 5×10^{-5} mbar.l/s @ 1 bar
Container size	45 cc pressurize to 15 bar at delivery
Included in leak	Schrader fitting with 7/16"-20 UNF male thread, watertight casing

Mode of operation

The leak is pressurized to 15 bar helium* at delivery. The cylinder is rechargeable, and can easily be filled by customers themselves. Nolek also provides the service of refilling the leak. The leak is also equipped with a trigger for releasing the gas through the leak. When checking the SniffIT X1 unit, simply put the probe into the leak nozzle, push the trigger and indications of a leak will be shown in the detector. The control leak is also equipped with a trigger and safety lock/lever.



Application examples:

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

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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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