

SniffIT

SniffIT Control Leak



SniffIT verification tool

Specialist in leak testing & leak detection since 1973

nolek

- Leak Testing -

The SniffIT Control Leak at a glance

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.

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. A Schrader valve for simple customer refilling is included. 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. To use, simply release the safety and then pull the trigger. After use lock the safety lever again to protect against accidental leakage. SniffIT Control Leak is a portable device, all in line with Noleks portable SniffIT Leak Detector X1, that can easily be used and transported all over the world.

**) Helium is standard. In case of hydrogen used, please indicate when ordering. When filled with hydrogen it comes with a mixture of 5% hydrogen in Nitrogen, a non flammable gas mixture and completely harmless.*



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.

The SniffIT Control Leak is only a tool for checking function of leak detectors; even though it has a high accuracy it is NOT a calibrated reference leak.

TECHNICAL DATA SniffIT Control Leak

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

For more information please visit: www.nolek.com



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