

LEAK TEST FOR MAP AND FLEXIBLE PACKAGINGS



Neuhaus Neotec supplement their quality assurance programme by high-quality leak test devices. This technology allows the detection of packaging leaks of all kinds and the tracking of customer-specified leak rates. By means of detection, the packaging quality is ensured and thus the required quality of the final food product. With the LEAK TEST I individual tests and automated samples are possible. Typical products are coffee capsules or coffee pods in pouches.



LEAK DETECTOR LEAK TEST I

- » *Non-destructive testing*
- » *Without test gas*
- » *Detection of even the finest of leaks of less than 10 µm*

Reduce the reject rate locally, flexibly and reliably. The innovative leak detector LEAK TEST I works according to a unique principle: Two elastic membranes tightly enclose the packaging to be tested in a film chamber by creating a vacuum. The device analyses the pressure profile in just seconds and displays the leak rate on the screen. In doing so, the LEAK TEST I is able to detect even the finest of leaks quickly and reliably, without the use of test gas and without damaging the packaging. Gross leaks are detected even earlier.

Features / Benefits

Non-destructive testing in the chamber, no stress on the seams of the packaging.

The vacuum test detects even the finest of leaks.

Gross leaks are detected prior to the test procedure - even for small packaging.

Visual display of the test results, i.e. immediate indication of the leak rate.

Due to the electronic data acquisition and processing, the test logs are recorded and can be exported for evaluation.

Adjustable limit values and documented final inspection in accordance with DIN / ISO 9001.

The statistical process control and trend recognition based on data analysis enable a reduction of the reject rate.

Technical Data

- Chamber size (L x H x W): 350 x 200 x 400 mm
- Test duration: < 12 s
- Smallest detectable hole diameter: < 10 µm
- Calibration: not necessary
- Warm-up time: < 3 min.
- Interfaces: USB
- Display: 7" touch screen
- Optional barcode reader for easy transfer of the product data

