



TEST SYSTEMS

ROUTINE TESTING OF SEALING SEAMS

hawa InkTest **MAX**

All our professional hawa InkTest systems (hawa InkTest) of the MAX series are dye penetration tests for the routine testing of the seal seam integrity based on method A (according to EN ISO 11607-1/ASTM F1929-23), also known as 4-side-test.

To use the InkTest MAX simply insert one disposable cartridge into the pouch to be tested, seal it and fold down its lid. The 4 ml test liquid is spread evenly over all four sealing seams. This allows the packaging integrity to be tested completely in a single step.

Any irregularities that may occur (e.g. channels) become visible immediately after opening the disposable cartridge. No further auxiliary equipment such as pipettes is required for the tests. In addition, there is no risk of the test liquid dripping onto other objects at your workplace or onto your clothing and skin, or transferring to them.

AVAILABLE VERSIONS:

> **hawa InkTest MAX (blue)**

THIRD-PARTY
VALIDATED

Recommended for: Sealable bags and pouches according to EN ISO 11607-1/EN 868-5 made of film and paper according to EN 868-3.

> **hawa InkTest MAX PLUS (red)**

THIRD-PARTY
VALIDATED

Recommended for: Sealable bags and pouches according to ISO 11607-1/EN 868-5 made of PP fleece or PP nonwoven, e.g. ULTRA and uncoated polyolefin materials according to EN 868-9, e.g. Tyvek®².

Our MAX series test systems are delivered in a specially designed packaging unit (PU = 40 disposable cartridges of 4 ml each)



¹ ULTRA is a registered trademark of the Sterimed Holding.

² Tyvek is a registered trademark of E.I. du Pont Nemours.



hawo InkTest **PRO**

Our hawo InkTest PRO offers you a classic ink test for the routine testing of sealed seams based on Method A, also known as 4-side-test.(according to EN ISO 11607-1 / ASTM F1929-23).

AVAILABLE VERSIONS:

> **hawo InkTest PRO EU (blue)** THIRD-PARTY
VALIDATED
Recommended for: Sealable bags and pouches according to EN ISO 11607-1/EN 868-5 made of film and paper according to EN 868-3.

> **hawo InkTest PRO HDPE (red)**
Recommended for: uncoated polyolefin materials according to EN 868-9, e.g. Tyvek®2.

Our PRO series test systems are delivered in in a packaging unit of 30 tests (2 ml each)

hawo **Seal Check**

The seal indicators Seal Check and Seal Check HDPE show defective areas on the dark indicator strips. hawo Seal Check is not suitable for use with side-gusseted film. It comes in a package designed especially for easy use and includes a reference card for evaluating the results.

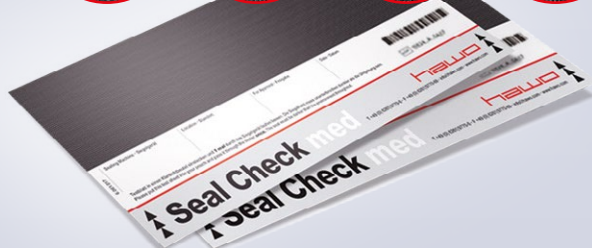
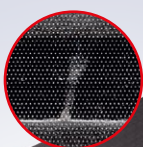
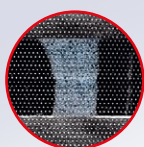
AVAILABLE VERSIONS:

For transparent bags and tubes made of paper/film (medical grade paper according to EN 868-3):

- > **Seal Check med** in 175 mm length for rotary sealers (250 pcs.)
- > **Seal Check dent** in 250 mm length for bar sealers (100 pcs.)

For transparent bags and tubes made of uncoated Tyvek®2/film:

- > **Seal Check HDPE** in 175 mm length for rotary sealers (250 pcs.)



hawo InkTest

Our hawo InkTest is a classic ink test for the routine testing of sealed seams using method C (according to EN 11607-1/ASTM F1929-23), also known as pipette test. For this purpose, a special test liquid is added to the bag or film tube by using a pipette. Any irregularities that may occur (e.g. channels) become visible immediately. Thanks to the practical pipette, sealing seams can be tested from both sides.

AVAILABLE VERSIONS:

> hawo InkTest EU (blue)

Based on ASTM F1929-23

Recommended for: sealable bags and tubes according to EN ISO 11607-1/EN 868-5 made of film and paper according to EN 868-3.

> hawo InkTest PLUS 2.0 (red) THIRD-PARTY VALIDATED

Based on ASTM F1929-23

Recommended for: uncoated polyolefin materials according to EN 868-9, e.g. Tyvek®.

> hawo InkTest (midnight blue)

according to ASTM F3039-23

Recommended for: non-porous packaging.



The hawo InkTest comes in a 75 ml bottle together with pipettes and a drip tray

Technical modifications reserved
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