hawo

Reference Card

For interpreting hawo
InkTest PRO results.

Ink Test PRO (blue)
Ink Test PRO HDPE (red)
Ink Test PRO PLUS (black)

The hawo InkTest PRO is a standardised seal integrity test and an ideal procedure for detecting seal leaks in porous medical packaging by dye penetration as per EN ISO 11607-1, Appendix B (ASTM F1929-15 method A-injection method).

1. **Operational and Performance Qualification (EN ISO 11607-2):** The sealing seam's quality properties must be verified and documented during the validation as part of the operational and performance qualification.

2. **Routine testing of the seal integrity:** The definition of a surveillance routine allows changes in the packaging process to be detected quickly.

Procedure:

1. Switch on the sealing device and wait until the operating temperature is reached and switch to test mode if possible.

2. Seal one side when using reels

3. Place the disposable ink cartridge in the pouch and seal the fourth side.

4. Press on the ink cartridge so that the ink can escape.

5. Turn the bag so that the ink is distributed over all 4 sides. After 5 seconds per side, visually check that the sealed seam is intact. Seal leaks in the sealing seam (e.g. channels) become apparent as the ink visibly penetrates int the sealed seam.

The hawo InkTest PRO allows you to spot any seal leaks in the sealing seam in under 5 seconds.

1. **Intact sealing seam:** The test ink does not penetrate the sealing seam. Hence, the sealing seam complies with the specification.

2. **Faulty sealing seam:** The test ink penetrates the sealing seam (e.g. channel). The sealing device should be checked (if necessary) and the test schould be repeated.