



Lab Services

Protect to perform.

Our packaging solutions are subjected to constant inspections. We test them in our lab regularly under controlled conditions to make sure they meet our quality promise at all times.

We offer the quality standards that we apply to our own environment, machines, solutions and processes as services to our customers as well.



Integrity tests

- Bubble emission tests by internal pressurization or in a vacuum chamber
- Dye penetration tests for porous and non-porous packaging
- Visual inspection of seal seams



Packaging and material tests

- Thickness measurement using MagnaMike
- Oxygen transmission rate (OTR) measurement
- Seal strength
- Tensile strength and elongation at break
- Linear measurements of packaging (steel ruler and digital caliper)
- Puncture resistance
- Visual assessment of packaging (inhouse method)



Climatic conditioning & packaging validation

- Climatic conditioning
- Stability tests
- Performance tests

We support you in the design validation of packaging systems for medical devices – based on your requirements, from planning and testing through to the final validation report.

A complete design validation includes stability and performance testing followed by laboratory analyses.

USPs

- Possible types of sterilization: steam sterilization, gamma, x-ray
- Short throughput times
- Two buildings: autonomous supply
- Certified in accordance with EN ISO 13485:2016, ISO 9001:2015 and FSSC 22000
- Accredited according to ISO / IEC 17025
- Bioburden in accordance with ISO 11737-1
- Room with increased hygiene requirements
- Laboratory tests according to ISO 11607-1 as well as other packaging tests