IPA

Cleanroom (atmospheric)

valid until: August 29, 2030

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TESTED®
DEVICE

ads-tec Industrial IT
SHD9000
Report No. AD 2507-1652

Statement of
Qualification

Product series
Hygienic Design

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Statement of Qualification · Product series

Customer

ads-tec Industrial IT GmbH
Heinrich-Hertz-Strasse 1
72622 Nürtingen
Germany

Tested product

Category: Working Place and Operator

Subcategory: Work Equipment

Product name: SHD9000
Tested Products:
- Smart Hygienic Panel 9019 (manufacturing date: 4/2025)
- Smart Hygienic Panel 9024 (manufacturing date: 4/2025)

Assessment of conformity to GMP regulations as well as to EHEDG conception and design recommendations

Standards/guidelines: EU GMP Annex 1; EHEDG Doc. 8; DIN EN 1672-2; ISO 14159
The norms stated generally refer to the version valid at the time of the tests.

Assessment criteria:
- Materials utilized
- Material pairings
- Installed components
- Geometries of components used
- Joining methods
- Detailed constructional solutions
- Manufacturing processes
- Surface coatings/coating systems

The suitability of the operating utility for use in a GMP-conform manufacturing environment is ascertained on the basis of the assessment of these criteria with the aid of expert knowledge. The assessment focuses mainly on the avoidance of contamination as well as on the ability to clean and disinfect the operating utility.

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Test result / Classification

The Smart Hygienic Panels series SHD9000 is principally suitable for use in hygienic areas up to the following GMP Class according to EU GMP Annex 1:

Suitability
up to GMP Class A

However, this only applies to the tested operating utility in a resting state. An overall assessment of the manufacturing environment would need to be made after its installation.

The measuring devices used for the qualification tests are calibrated at regular intervals; their results can be traced back to national and international standards. In cases where no national standards exist, the test procedure implemented complies with the technical regulations and norms applicable at the time of the test. The relevant documentation can be viewed on request at any time.

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.

Fraunhofer Institute for Manufacturing Engineering and Automation IPA

Business unit
Testing and Certification

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AD 2507-1652 — Report No. first document
Stuttgart, August 29, 2025 — Place, date of first document issued

-- — Report No. current document
-- — Place, current date

on behalf of
Dr.-Ing. Frank Bürger, head of business unit Testing and Certification

This document only applies to the named product in its original state and is valid for a period of 5 years from the date the first document was issued. The document can be verified under **www.tested-device.com**.