IPA

valid until: March 1, 2029

Fraunhofer

TESTED® DEVICE

hawo GmbH
HM 5000 PRINTPAK MED
Report No. HA 2401-1488

Single product
Hygienic Design

Qualification Certificate

This is to certify that the product mentioned above, provided by

hawo GmbH
Obrigheim, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number HA 2401-1488.

The system HM 5000 DC-VI PRINTPAK MED SEALING EQUIPMENT + INKJET (V2A stainless steel) is principally suitable for use in hygienic areas up to the following GMP Classes according to EU GMP Annex 1:

System component	Suitability
HM 5000 C INKJET	up to GMP-Klasse D
HM 5000 DC-VI PRINTPAK MED	up to GMP-Klasse C
Overall result	**up to GMP Class D**

However, this recommendation only pertains to the operating utility when in a resting state. An overall assessment of the can only be made after its installation in the production environment.

HA 2401-1488
Report No. first document

Stuttgart, March 1, 2024
Place, date of first document issued

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Report No. current document

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Place, current date

on behalf of
Dr.-Ing. Frank Bürger, Project Manager Fraunhofer IPA

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**.

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

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