



valid until: February 6, 2031

Fraunhofer

TESTED[®] DEVICE

Horton Automatics
7100 Swing Operator (Dual)
Report No. HO 2601-1711

Single product
**Particle Emission
in Cleanroom
(atmospheric)**

Qualification Certificate

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

Horton Automatics
Lewisville, United States of America

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number HO 2601-1711.

The 7100 Easy Access Low Energy Swing Operator (Dual Operator) (material: clear anodized aluminum) was assessed in compliance with ISO 14644-14. When operated under the specified test conditions (room temperature: $22\text{ °C} \pm 0.5\text{ °C}$; relative humidity: $45\% \pm 5\%$), it is suitable for use in cleanrooms fulfilling the specifications of the following Air Cleanliness Class according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
Low Energy, without test load	4
Overall result	

Please note: Transport damages, incorrect installation, oil leakage; aging behavior, corrosion etc. can influence the test result.

HO 2601-1711
Report No. first document

Stuttgart, February 6, 2026
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, head of business unit Testing and Certification

DUPLICATE

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.