



valid until: June 12, 2031

Fraunhofer

TESTED[®] DEVICE

RENA Technologies
El. 1-fold endeffector 300 mm
Report No. RE 2605-1776

Single product
Particle Emission
in Cleanroom
(atmospheric)

Qualification Certificate

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

RENA Technologies GmbH
Gütenbach, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number RE 2605-1776.

The Electrical 1-fold endeffector 300 mm (color: aluminum, gray) was assessed in compliance with ISO 14644-14. When operated under the specified test conditions (room temperature: $22^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$; 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
Cycle time: $t = 20\text{s}$	1
Overall result	

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

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.

The norms stated generally refer to the version valid at the time of the tests.

RE 2605-1776
Report No. first document

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Report No. current document

Stuttgart, June 12, 2026
Place, date of first document issued

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Place, current date

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