



valid until: February 13, 2031

# Fraunhofer

## TESTED<sup>®</sup> DEVICE

API Metrology  
API Radian PRO

**Report No. AP 2601-1710**

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

### Qualification Certificate

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

**Automated Precision Europe GmbH**  
Heidelberg, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number AP 2601-1710.

The API Radian PRO (color: red/black) 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
Cycle time: 19.121 s Break time: 0s Horizontal travel distance: 148.6321 ° Vertical travel distance: 173.1588 ° Rotational speed horizontal: 0.741 rad/s Rotational speed vertical: 0.861 rad/s	<b>1</b>
<b>Overall result</b>	

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

AP 2601-1710  
Report No. first document

Stuttgart, February 13, 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](http://www.tested-device.com).

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