



valid until: March 30, 2028

Fraunhofer

TESTED[®] DEVICE

igus GmbH
GLO.CR.56 with E6.52
Report No. IG 2303-1406

Single product Particle Emission

Qualification Certificate

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

igus GmbH
Cologne, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number IG 2303-1406.

The cleanroom guidelok horizontal, GLO.CR.56 with
E6.52.175.075.0 (color: black) was assessed in compliance
with ISO 14644-14. When operated under the specified test
conditions, it is suitable for use in cleanrooms fulfilling the
specifications of the following Air Cleanliness Classes according
to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
$v_1 = 0.5 \text{ m/s}; a_1 = 1.0 \text{ m/s}^2$	4
$v_2 = 1.0 \text{ m/s}; a_2 = 2.0 \text{ m/s}^2$	5
$v_3 = 2.0 \text{ m/s}; a_3 = 4.0 \text{ m/s}^2$	5
Overall result	5

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

IG 2303-1406
Report No. first document

Stuttgart, March 30, 2023
Place, date of first document issued

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Report No. current document

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Place, current date

on behalf of 

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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