



valid until: March 3, 2028

Fraunhofer

TESTED[®] DEVICE

igus GmbH

PRT-04-100-CR

Report No. IG 2302-1390

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 2302-1390.

The PRT-04-100 Clean Room (material: Anodized aluminum) 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
Installation position: horizontal Payload: m = 10 kg Velocity: $v_1 = 0.5 \text{ m/s}$	3
Installation position: horizontal Payload: m = 10 kg Swing angle = 180° Average velocity: $v_2 = 0.1 \text{ m/s}$	4
Overall result	4

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

IG 2302-1390

Report No. first document

Stuttgart, March 3, 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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IPA