



valid until: December 2, 2027

Fraunhofer

TESTED[®] DEVICE

montratec GmbH
S015CR-SL-L0400-TC2
Report No. MO 2210-1356

Single product Particle Emission

Qualification Certificate

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

montratec GmbH
Niedereschach, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number MO 2210-1356.

The Shuttle S015CR-SL-L0400-TC2 / MT70175 (color: white) 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
$v_1 = 12 \text{ m/min}; m_1 = 8 \text{ kg}$	5
$v_1 = 12 \text{ m/min}; m_2 = 16 \text{ kg}$	5
$v_2 = 55 \text{ m/min}; v_k = 12 \text{ m/min}; m_1 = 8 \text{ kg}$	6
$v_2 = 55 \text{ m/min}; v_k = 12 \text{ m/min}; m_2 = 16 \text{ kg}$	6
Overall result	6

Due to abrasion on the inner sides of the current collector, the
contamination risk for use in cleanliness-critical areas should be
re-evaluated on an application-specific basis.

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

MO 2210-1356
Report No. first document

Stuttgart, December 2, 2022
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.