



Fraunhofer

TESTED[®] DEVICE

montratec GmbH
montrac dual-axle MSH4 CR
Report No. MO 1706-920

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 1706-920.

The montrac dual-axle MSH4 CR (color: RAL 9006 silk matt white
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 Class according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
$v_1 = 30.0 \text{ m/min}$; $v_2 = 12.0 \text{ m/min}$; $m = 21.7 \text{ kg}$	5
Overall result	5

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.

DUPLICATE

MO 1706-920
Report No. first document

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Report No. current document

Stuttgart, November 7, 2017
Place, date of first document issued

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Place, current date

on behalf of 
Dr.-Ing. Frank Bürger, Project Manager Fraunhofer IPA