



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

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.

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

MO 1706-920
Report No. first document

Stuttgart, November 7, 2017
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, Project Manager Fraunhofer IPA

