



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

montratec GmbH  
montrac + TracSwitch 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 Transfersystem + TracSwitch CR (color: anodized aluminum (E6/EV1)) 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
montrac single-axle MSH4 CR; $m_1 = 0$ kg montrac dual-axle MSH4 CR; $m_2 = 29.7$ kg	6
<b>Overall result</b>	<b>6</b>

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](http://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