



Fraunhofer

TESTED[®] DEVICE

Mobile Industrial Robots ApS
MiR100

Report No. MI 1805-1036

Particle Emission

Qualification Certificate

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

Mobile Industrial Robots ApS
Odense, Denmark

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number MI 1805-1036.

The mobile robot MiR100 (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 |
|---|-----------------------|
| Parameter Set 1 (180° -straight- 180°): Test load: m = 100 kg Velocity: v ₁ = 0.8 m/s Acceleration: a ₁ = 0.5 m/s ² Distance: s ₁ = 2 m | 4 |
| Parameter Set 2 (back-forth): Test load: m = 100 kg Velocity: v ₂ = 0.8 m/s Acceleration: a ₂ = 0.5 m/s ² Distance: s ₂ = 4 m | 4 |
| Overall result | 4 |

MI 1805-1036
Report No. first document

Stuttgart, May 14, 2018
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

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.