



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

Mobile Industrial Robots A/S  
MiR250

**Report No. MI 2108-1246**

### Single product Particle Emission

### Qualification Certificate

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

**Mobile Industrial Robots A/S**  
Odense SØ, Denmark

has been awarded a Fraunhofer certificate TESTED DEVICE  
bearing the report number MI 2108-1246.

The mobile robot MiR250 with the LINEA 5940UAP100P30-11  
RAL7001 castor wheels (color: gray) 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
$v_1 = 0.8 \text{ m/s}$ ; $a_1 = 0.3 \text{ m/s}^2$ $m_1 = 100 \text{ kg}$	4
$v_2 = 0.8 \text{ m/s}$ ; $a_2 = 0.3 \text{ m/s}^2$ $m_2 = 250 \text{ kg}$	4
<b>Overall result</b>	<b>4</b>

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

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.

MI 2108-1246  
Report No. first document

Stuttgart, August 18, 2021  
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