



valid until: April 28, 2028

Fraunhofer

TESTED[®] DEVICE

KUKA Deutschland GmbH
KR 10 R1100-2

Report No. KU 2210-1359

Single product
Particle Emission
Dry-Cleanroom

Qualification Certificate

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

KUKA Deutschland GmbH
Augsburg, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number KU 2210-1359.

The robot KUKA KR 10 R1100-2 (color: white) was assessed
in compliance with ISO 14644-14. When operated under the
specified test conditions, it is suitable for use in cleanrooms
(divergent with a dew point of $-40^{\circ}\text{C} \pm 2^{\circ}\text{C}$; room temperature
of $21^{\circ}\text{C} \pm 1.5^{\circ}\text{C}$) fulfilling the specifications of the following Air
Cleanliness Classes according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
50 % of maximum velocity Attached payload: 10kg	5
100 % of maximum velocity Attached payload: 10kg	6
Overall result	6

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

KU 2210-1359
Report No. first document

Stuttgart, April 28, 2023
Place, date of first document issued

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Report No. current document

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Place, current date

on behalf of 

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.



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