



Fraunhofer

TESTED[®] DEVICE

Universal Robots A/S
Universal Robots e-Series
Report No. UN 2301-1381

Product series Particle Emission

Qualification Certificate

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

Universal Robots A/S
Odense, Denmark

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number UN 2301-1381.

The Universal Robots e-Series 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
20 % of maximum velocity Payload: approx. 20 % from rated payload	6
40 % of maximum velocity Payload: approx. 40 % from rated payload	7
80 % of maximum velocity Payload: approx. 80 % from rated payload	7
Overall result	7

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

UN 2301-1381
Report No. first document

Stuttgart, June 23, 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.