



Fraunhofer

TESTED[®] DEVICE

Ergoswiss AG
4-LA-350-300-EU2
Report No. ER 2305-1425

Single product Particle Emission

Qualification Certificate

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

Ergoswiss AG
Widnau, Switzerland

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number ER 2305-1425.

The hydraulic lift system PFD 4830 - LA 1430 in combination
with controller Compact-3-eco 230V 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
Stroke: s = 300 mm Velocity (up/down) v = 15 mm/s Payload: m = 350 kg Cycle time: 2 min on/ 18 min off	7
Pump with drive	7
Controller	1
Overall result	7

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

ER 2305-1425
Report No. first document

Stuttgart, November 15, 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 
Dr.-Ing. Frank B rger, Project Manager Fraunhofer IPA

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.