



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

Ergoswiss AG

SL 1440

**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 spindle lift column SL 1440 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 = 400 mm Velocity (up/down) v = 12 mm/s Payload: m = 200 kg Cycle time: 2 min on/ 18 min off	7
Controller	1
<b>Overall result</b>	<b>7</b>

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 Bürger, 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.