



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

isel Germany AG  
linear unit ILD50-6  
**Report No. IS 1512-799**

### Particle Emission

### Qualification Certificate

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

**isel Germany AG**  
Eichenzell, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number IS 1512-799.

When operated under the specified test conditions, the linear unit ILD50-6 (color: silver-gray) is suitable for use in cleanrooms fulfilling the specifications of the following Air Cleanliness Class according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
$v_1 = 0.5 \text{ m/s}; a_1 = 12 \text{ m/s}^2$	5
$v_2 = 0.1 \text{ m/s}; a_2 = 0.5 \text{ m/s}^2$	3
<b>Overall result</b>	<b>5</b>

The validity of this certificate applies only to the mentioned product in this particular condition for a duration of 5 years.  
Further information:  
[www.tested-device.com](http://www.tested-device.com)

DUPLICATE

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.

Stuttgart, February 20, 2016

on behalf of   
Frank Bürger, Project manager Fraunhofer IPA