



Fraunhofer

TESTED[®] DEVICE

RK Rose+Krieger GmbH
RK DuoLine Z60 Clean
Report No. RK 1404-704

Qualification Certificate

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

RK Rose+Krieger GmbH
Minden, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number RK 1404-704.

When operated with an extraction system, the linear unit RK DuoLine Z60 Clean (TD15A5F1A12C02405) is suitable for use in cleanrooms fulfilling the following air cleanliness specifications according to ISO 14644-1:

| Parameter | Air Cleanliness Class |
|---|-----------------------|
| $v_1 = 0.25 \text{ m/s}; a = 4.0 \text{ m/s}^2$ | ISO 1 |
| $v_2 = 0.5 \text{ m/s}; a = 4.0 \text{ m/s}^2$ | ISO 1 |
| $v_3 = 1.0 \text{ m/s}; a = 4.0 \text{ m/s}^2$ | ISO 1 |
| Overall result | ISO 1 |

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

Stuttgart, March 4, 2015

i.A. 
Frank Bürger, Project Manager Fraunhofer IPA

DUPLICATE

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