



valid until: December 12, 2030

Fraunhofer

TESTED[®] DEVICE

KODUCT Co., Ltd.
KE30/N-W57-R70

Report No. KO 2512-1698

Single product Particle Emission in Cleanroom (atmospheric)

Qualification Certificate

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

KODUCT Co., Ltd.
Busan, Republic of Korea

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number KO 2512-1698.

The cable guiding system KE30/N-W57-R70 (color: black) was
assessed in compliance with ISO 14644-14. When operated under
the specified test conditions (room temperature: $22^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$;
relative humidity: $45\% \pm 5\%$), 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
$v_1 = 0.5 \text{ m/s}; a_1 = 1.0 \text{ m/s}^2$	4
$v_2 = 1.0 \text{ m/s}; a_2 = 2.0 \text{ m/s}^2$	4
$v_3 = 2.0 \text{ m/s}; a_3 = 4.0 \text{ m/s}^2$	4
Overall result	4

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

KO 2512-1698
Report No. first document

Stuttgart, December 12, 2025
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urger, head of business unit Testing and Certification

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.



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IPA