



valid until: October 7, 2031

Fraunhofer

TESTED[®] DEVICE

CP SYSTEM CO., LTD.
G Clean Chain

Report No. CP 2607-1788

Cleanroom suitability

Product series
**Particle Emission
in Cleanroom
(atmospheric)**

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.

The norms stated generally refer to the version valid at the time of the tests.

Qualification Certificate

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

CP SYSTEM CO., LTD.
Busan, Korea

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number CP 2607-1788.

The cable chain series G Clean Chain with inserted cable 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
$v_1 = 0.5 \text{ m/s}; a_1 = 1.0 \text{ m/s}^2$	1
$v_2 = 1.0 \text{ m/s}; a_2 = 2.0 \text{ m/s}^2$	1
$v_3 = 2.0 \text{ m/s}; a_3 = 4.0 \text{ m/s}^2$	1
Overall result	1

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

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Report No. first document

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Report No. current document

Stuttgart, October 7, 2026
Place, date of first document issued

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Place, current date

on behalf of 
Dr.-Ing. Frank Burger, head of business unit Testing and Certification



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IPA