



valid until: May 20, 2031

Fraunhofer

TESTED[®] DEVICE

Mecademic Inc.
MCS500 Scara Robot
Report No. ME 2604-1764

Single product Particle Emission in Cleanroom (atmospheric)

Qualification Certificate

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

Mecademic Inc.
Montreal, Canada

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number ME 2604-1764.

The MCS500 Scara Robot (color: black, anodized aluminum) was assessed in compliance with ISO 14644-14. When operated under the specified test conditions (room temperature: $22\text{ °C} \pm 0.5\text{ °C}$; 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
100 % of maximum velocity 50 % of maximum acceleration	6
100 % of maximum velocity 100 % of maximum acceleration	7
Overall result	7

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

ME 2604-1764 Stuttgart, May 20, 2026
Report No. first document Place, date of first document issued

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Report No. current document Place, current date

on behalf of 
Dr.-Ing. Frank Bürger, 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.

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

DUPLICATE