



valid until: April 30, 2031

Fraunhofer

TESTED[®] DEVICE

Atlas Copco Industrial Technique AB
QMT41-50-HM4

Report No. AT 2604-1746

Single product Particle Emission in Cleanroom (atmospheric)

Qualification Certificate

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

Atlas Copco Industrial Technique AB
Stockholm, Sweden

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number AT 2604-1746.

The Transducerized Screwdriver QMT41-50-HM4 in combination with MT FOCUS 6000 and MT PS 180W-36V 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
Screwdriver: • Installation position: horizontal • Velocity: 2000rpm • Cycle time: 15s • Break between cycles: 5s	7
Controller	1
Power Supply	4
Overall result	7

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

AT 2104-1224
Report No. first document

Stuttgart, April 30, 2021
Place, date of first document issued

AT 2604-1746
Report No. current document

Stuttgart, April 30, 2026
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 current date the 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.