



Fraunhofer

TESTED[®] DEVICE

Atlas Copco IT AB

ETD M200 ABL V2

Report No. AT 2408-1545

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 2408-1545.

The screwdriver ETD M200 ABL V2 (color: black) in combination with controller and power supply 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
Screwdriver: <ul style="list-style-type: none">• Installation position = horizontal• Velocity = 700 rpm• Cycle = movement: 15 s• Break between cycles = 5 s	7
Controller	1
Power supply	1
Overall result	7

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

AT 1907-1122

Report No. first document

Stuttgart, October 8, 2019

Place, date of first document issued

AT 2408-1545

Report No. current document

Stuttgart, October 30, 2024

Place, current date

on behalf of

Dr.-Ing. Frank Bürger, Project Manager Fraunhofer IPA

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.



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IPA