



Fraunhofer

TESTED[®] DEVICE

Atlas Copco IT AB

ETD M50 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 M50 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 = 1000 rpm• Cycle = movement: 15 s• Break between cycles = 5 s	6
Controller	1
Power supply	1
Overall result	6

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.