



Fraunhofer

TESTED[®] DEVICE

Robtools SMT Sp. z o.o.
RS-KESD/CR 020170900001
Report No. RO 1710-959

Particle Emission

Qualification Certificate

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

Robtools SMT Sp. z o.o.
Bydgoszcz, Poland

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number RO 1710-959.

The ESD vinyl chair for clean room RS-KESD/CR 020170900001
(color: black vinyl) was assessed in compliance with ISO 14644-
14. When operated under the specified test conditions, 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
Seat (F = 1200 N; 12 cycles/min)	3
Backrest (F = 350 N; 12 cycles/min)	5
Overall result	5

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.

DUPLICATE

RO 1710-959
Report No. first document

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Report No. current document

Stuttgart, November 7, 2017
Place, date of first document issued

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Place, current date

on behalf of 
Dr.-Ing. Frank Bürger, Project Manager Fraunhofer IPA