



Fraunhofer

TESTED[®] DEVICE

ASM AS GmbH & Co.KG
SIPLACE TX2i

Report No. AS 1712-981

Particle Emission

Qualification Certificate

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

ASM AS GmbH & Co.KG
München, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number AS 1712-981.

The circuit board mounter SIPLACE TX2i 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:

	Used head	Operation mode	Belt	Circuit board movement	Air Cleanliness Class
PS 1	CP20	vacuum pump	no	cyclic	7
PS 2	CP20	vacuum pump	no	clamped	7
PS 3	CP20	vacuum pump	yes	cyclic	7
PS 4	CP20	venturi	no	cyclic	7
PS 5	CP20	venturi	no	clamped	7
PS 6	CPP	venturi	no	clamped	7
PS 7	CPP	venturi	no	cyclic	7
Overall result	--	--	--	--	7

AS 1712-981
Report No. first document

Stuttgart, January 24, 2018
Place, date of first document issued

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Report No. current document

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Place, current date

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

DUPLICATE

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.