



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

ASM Assembly Systems  
Circuit board mounter SIPLACE TX2i  
**Report No. AS 1604-819**

### Particle Emission

### Qualification Certificate

This is to certify that the product mentioned above, provided by  
**ASM Assembly Systems GmbH & Co. KG**  
Munich, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE  
bearing the report number AS 1604-819.

When operated under the specified test conditions, the circuit  
board mounter SIPLACE TX2i is suitable for use in cleanrooms  
fulfilling the specifications of the following Air Cleanliness Class  
according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
Inside, with belts	7
Inside, without belts	7
Outside, with belts	7
Outside, without belts	7
<b>Overall result</b>	<b>7</b>

Detailed information and parameters of the test environment can  
be found in the Fraunhofer IPA test report.

Stuttgart, December 19, 2016

on behalf of   
Frank Bürger, Project manager Fraunhofer IPA

DUPLICATE

The validity of this certificate  
applies only to the mentioned  
product in this particular  
condition for a duration of  
5 years.  
Further information:  
[www.tested-device.com](http://www.tested-device.com)