

Fraunhofer

TESTED® DEVICE

J. Schmalz GmbH FMC-SW-HD 400 9R13

Report No. SC 1606-831

Particle Emission

Qualification Certificate

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

J. Schmalz GmbH

Glatten, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number SC 1606-831.

When operated under the specified test conditions, the large-area gripper system FMC-SW-HD 400 9R13 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
operating pressure = 6 bar (ultra-pure compressed air) evacuation time = 12 s release time = 8 s cycles per minute = 3	4
Overall result	4

applies only to the mentioned product in this particular condition for a duration of 5 years.

The validity of this certificate

Further information:

www.tested-device.com

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

Stuttgart, October 10, 2016

on behalf of August Manager Fraughofer IPA



IPA