



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

DYDEN CORPORATION  
DY-POD with energy chain  
**Report No. DY 1701-872**

### Particle Emission

### Qualification Certificate

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

**DYDEN CORPORATION**  
Kurume-shi, Japan

has been awarded a Fraunhofer certificate TESTED DEVICE  
bearing the report number DY 1701-872.

When operated under the specified test conditions, the cable  
system DY-POD with energy chain (color: white) 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
$v_1 = 0.5 \text{ m/s}; a_1 = 1.0 \text{ m/s}^2$	1
$v_2 = 1.0 \text{ m/s}; a_2 = 2.0 \text{ m/s}^2$	1
$v_3 = 2.0 \text{ m/s}; a_3 = 4.0 \text{ m/s}^2$	1
<b>Overall result</b>	<b>1</b>

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)

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

Stuttgart, February 24, 2017

on behalf of   
Frank Bürger, Project manager Fraunhofer IPA