



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

THOMAS CABLE Co., Ltd.  
THOMTRONIC-CLEANROOM C TP  
**Report No. TH 1312-682**

### Qualification Certificate

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

**THOMAS CABLE Co., Ltd.**  
Yeochon-Ri, Ochang-Myun, South Korea

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number TH 1312-682.

The THOMTRONIC-CLEANROOM C TP series is suitable for use in cleanrooms fulfilling the following Air Cleanliness Class according to ISO 14644-1:

Parameters	Air Cleanliness Class
$v_1 = 0.5 \text{ m/s}; a_1 = 1.0 \text{ m/s}^2$	ISO 1
$v_2 = 1.0 \text{ m/s}; a_2 = 2.0 \text{ m/s}^2$	ISO 1
$v_3 = 2.0 \text{ m/s}; a_3 = 4.0 \text{ m/s}^2$	ISO 2
Overall result	ISO 2

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

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i.A.   
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)