# OIML Certificate

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|---|---|
| Issuing authority | NMi Certin B.V.<br>Person responsible: M.Ph.D. Schmidt |
| Applicant and Manufacturer | Metrilus GmbH<br>Gräfenberger Str. 32<br>91050 Uttenreuth<br>Germany |
| Identification of the certified type | A **Multi-Dimensional Measuring instrument**<br>Type : MetriXFreight L135, MetriXFreight L235 |
| Characteristics | See next page |

This OIML Certificate is issued under scheme A.

This Certificate attests the conformity of the above identified Type (represented by the sample(s) identified in the OIML Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

**OIML R 129**:2000

This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation above-identified.
This Certificate does not bestow any form of legal international approval.

*Important note:* Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate was issued, partial quotation of the Certificate and of the associated OIML Test Report(s) is not permitted, although either may be reproduced in full.

Issuing Authority

**NMi Certin B.V., OIML Issuing Authority NL1**
17 July 2023

Certification Board

The conformity was established by the results of tests and examinations provided in the associated reports:
- No. NMi-3519261-01 dated 09 December 2022 that includes 54 pages;
- No. NMi-3519261-02 dated 09 December 2022 that includes 13 pages;
- No. NMi-3519261-03 dated 09 December 2022 that includes 41 pages;
- No. NMi-3622931-01 dated 19 January 2023 that includes 11 pages;
- No. NMi-3622931-02 dated 19 January 2023 that includes 11 pages.

**Characteristics of the multi-dimensional measuring instrument**

Characteristics valid for both 1- and 2-sensor versions:

| Principle of operation | | reflection of light |
|---|---|---|
| Measuring range | | single interval |
| Electromagnetic environment class | | E2 |
| Mechanical environment class | | M1 |
| Climatic environment | temperature range | -10 °C / +55 °C |
| | humidity | non-condensing |
| | intended location | closed |
| Power supply voltage | | 24 V DC |
| Method of operation | | automatic |
| Software identification | Version number | 2.X.Y (X, Y = 0… 999, and represent the non-legally relevant part of the software) |

The software identification is displayed continuously in the bottom left corner of the measurement screen.

Characteristics valid for 1-sensor version (L135):

| | Length | Width | Height |
|---|---|---|---|
| Maximum dimension | max $\leq$ 1500 mm | max $\leq$ 1200 mm | max $\leq$ 900 mm |
| Minimum dimension | min $\geq$ 100 mm | min $\geq$ 100 mm | min $\geq$ 50 mm |
| Scale interval d | d $\geq$ 10 mm | d $\geq$ 10 mm | d $\geq$ 5 mm |
| Limitations of use | For dimensioning of singulated objects. Only rectangular objects can be measured. Transparent packaging is not included in the measurement. | | |

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**OIML Member State**
The Netherlands

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Characteristics valid for 2-sensor version (L235):

| | Length | Width | Height |
|---|---|---|---|
| Maximum dimension | max $\leq$ 2600 mm | max $\leq$ 2600 mm | max $\leq$ 2600 mm |
| Minimum dimension | min $\geq$ 200 mm | min $\geq$ 200 mm | min $\geq$ 100 mm |
| Scale interval d | d $\geq$ 20 mm | d $\geq$ 20 mm | d $\geq$ 10 mm |
| Limitations of use | For dimensioning of rectangular shaped objects and static palletized irregular shaped freight. Transparent packaging is not included in the measurement. | | |
| Minimum spacing between adjacent objects | spacing $\geq$ 100 mm | | |

**Revision History**

| Revision | Date | Change(s) |
|---|---|---|
| 0 | 17 July 2023 | Initial issue. |