



OIML Certificate

OIML Member State
The Netherlands

Number R129/2020-A-NL1-24.03 revision 1
Project number 3984005
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Issuing authority

NMi Certin B.V.
Person responsible: M.Ph.D. Schmidt

Applicant and
Manufacturer

Metrilus GmbH
Gräfenberger Str. 32
91050 Uttenreuth
Germany

Identification of the
certified type

A Multi-Dimensional Measuring instrument
Type : MetriXFreight L135
MetriXFreight L235
MetriXFreight L335
MetriXFreight L635

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 129-1:2020

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
4 August 2025

Certification Board

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The notification of NMi Certin B.V. as Issuing Authority can be verified at www.oiml.org

This document is digitally signed and sealed. The digital signature can be verified in the blue ribbon on top of the electronic version of this certificate.





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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;
- No. NMI-3757198-01 dated 19 April 2024 that includes 11 pages;
- No. NMI-3984005-01 dated 4 August 2025 that includes 12 pages.

Characteristics of the multi-dimensional measuring instrument

Characteristics valid for all versions:

Principle of operation	reflection of light
Measuring range	single interval
Electromagnetic environment class	E2
Mechanical environment class	M1
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) Checksums: 7378 D9AF 78B5 8803 FCBF 08D0 8296 920E or 6E5D ECC3 E6BE A7AD 9080 9DA8 A028 4B14 or 979F 8E32 90B0 3B73 BE21 6610 6E96 7BD8

The software version is displayed continuously in the bottom left corner of the measurement screen. The checksum can be seen on the digital nameplate, which can be displayed by pressing the *F6*-key of a connected keyboard.

Characteristics valid for 1-sensor version (L135):

Maximum dimension	Length	Width	Height
	max ≤ 1500 mm	max ≤ 1200 mm	max ≤ 900 mm
Minimum dimension	min ≥ 100 mm	min ≥ 100 mm	min ≥ 50 mm
Scale interval d	d ≥ 10 mm	d ≥ 10 mm	d ≥ 5 mm
Limitations of use	For dimensioning of singulated objects. Only rectangular objects and pillow shaped objects can be measured. Transparent packaging is not included in the measurement.		



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Characteristics valid for 2-sensor version (L235), 3-sensor version (L335) and 6-sensor version (L635):

	Length	Width	Height
Maximum dimension	max $\leq$ 2600 mm (L235-L335) max $\leq$ 6500 mm (L635)	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	2024-04-19	Initial issue
1	2025-08-04	Addition of type L335, update for limitation of use for L135, addition of new checksum