OIML Certificate of Conformity

OIML Member State
The Netherlands

Number R129/2000-NL1-16.01
Project number 14200363

Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	VITRONIC Dr.-Ing. Stein Bildverarbeitungssysteme GmbH Hasengartenstraße 14 65189 Wiesbaden Germany
Identification of the certified type	A **Multi-Dimensional Measuring instrument** Type : VIPAC D2-CCLS VIPAC D2-CNLS
Characteristics	See next page

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 - Edition 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
5 February 2016

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Head Certification Board

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The conformity was established by the results of tests and examinations provided in the associated OIML Test Report(s):
- No. NMi-14200363-01 dated 1 February 2016 that includes 34 pages;
- No. R129/2000-DE1-09.02 dated 17 September 2007 that includes 65 pages.

Characteristics of the multi-dimensional measuring instrument

Principle of operation		reflection of light
Measuring range(s)		single interval
Speed range		2,0 m/s $\leq v \leq$ 2,5 m/s
Electromagnetic environment class		E2
Mechanical environment class		M2
Climatic environment	temperature range	0 °C / +40 °C
	humidity	non-condensing
	intended location	closed
Power supply voltage		230 V AC 50/60 Hz
Method of operation		automatic

Software identification VIPAC_D2-Kernel.exe	Version number: 3.0.11.81 Checksum: AF20
Software identification VIPAC_D2.dll	Version number: 3.0.11.81 Checksum: ED8E
Software identification ViLogger.exe	Version number: 2.05.011 Checksum: 2D2F
Software identification ViLoggerViewerGUI.exe	Version number: 2.05.011 Checksum: 3636
Software identification LM400-2000 sensor	Version number: 2.50

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Specifications for model VIPAC D2-CCLS:

Maximum dimension	Length [1]	Width	Height
	max ≤ 2500 mm	max ≤ 1400 mm	max ≤ 1000 mm
Minimum dimension	min ≥ 100 mm	min ≥ 50 mm	min ≥ 50 mm
Scale interval	d ≥ 10 mm	d ≥ 5 mm	d ≥ 5 mm
Limitations of use	rectangular, opaque, objects with regular surfaces, objects with cubical shapes		
Minimum spacing between successive objects	spacing ≥ 50 mm		

Specifications for model VIPAC D2-CNLS:

Maximum dimension	Length [1]	Width	Height
	max ≤ 2500 mm	max ≤ 1400 mm	max ≤ 1000 mm
Minimum dimension	min ≥ 100 mm	min ≥ 100 mm	min ≥ 100 mm
Scale interval	d ≥ 10 mm	d ≥ 10 mm	d ≥ 10 mm
Limitations of use	rectangular, opaque, objects with regular surfaces, objects with irregular shapes All sides of irregular objects that touch the smallest rectangular box which fully encloses the object with at least one edge, must be fully visible to the sensor, with the exception of the side that faces downwards.		
Minimum spacing between successive objects	spacing ≥ 50 mm		

Note 1: Length is the dimension of the object that is most parallel to moving direction.