

OIML Member State
The Netherlands

Number R129/2000-NL1-16.03
Project number 15200644
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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-BNPS
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.

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Issuing Authority **NMi Certin B.V., OIML Issuing Authority NL1**
25 April 2016



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Head Certification Board

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Parties concerned can lodge objection against this decision, within six weeks after the date of submission, to the general manager of NMi (see www.nmi.nl).



The conformity was established by the results of tests and examinations provided in the associated OIML Test Report(s):

- No. NMI-15200644-02 dated 29 February 2016 that includes 61 pages;
- No. NMI-15200644-03 dated 29 February 2016 that includes 13 pages;
- No. NMI-15200644-04 dated 29 February 2016 that includes 14 pages.

Characteristics of the multi-dimensional measuring instrument

Principle of operation	reflection of light		
Maximum dimension	Length	Width	Height
	max ≤ 2500 mm	max ≤ 1000 mm	max ≤ 1000 mm
Minimum dimension	min ≥ 100 mm	min ≥ 100 mm	min ≥ 100 mm
Scale interval d	d ≥ 10 mm	d ≥ 10 mm	d ≥ 10 mm
Measuring range(s)	Single interval		
Speed range	0,2 m/s ≤ v ≤ 3,0 m/s		
Electromagnetic environment class	E2		
Mechanical environment class	M2		
Climatic environment	temperature range	-10 °C / +55 °C	
	humidity	non-condensing	
	intended location	closed	
Power supply voltage	100 – 240 V AC 50/60 Hz		
Method of operation	automatic		
Limitations of use	rectangular or irregular shaped objects with opaque regular surfaces		
Minimum spacing between successive objects	spacing ≥ 50 mm		

The VIPAC-D2-BNPS uses two VOLUMECH^D sensors to record dimensions of rectangular or irregular shaped objects.