



OIML Certificate of Conformity

OIML Member State
The Netherlands

Number R129/2000-NL1-16.06
Project number 16200269
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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 VIPAC-D2-CNPS
Characteristics	See next page

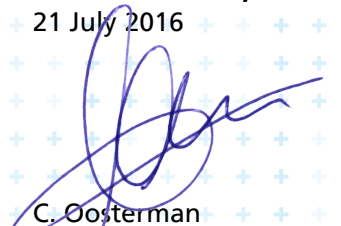
This Certificate attests the conformity of the above identified Type (represented by the sample(s) identified in the OIML Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

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**
21 July 2016



C. Oosterman
Head Certification Board

NMi Certin B.V.
Hugo de Grootplein 1
3314 EG Dordrecht
the Netherlands
T +31 78 6332332
certin@nmi.nl
www.nmi.nl

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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-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;
- No. NMI-16200269-01 dated 18 April 2016 that includes 16 pages;
- No. NMI-16200269-02 dated 18 April 2016 that includes 17 pages.

Characteristics of the multi-dimensional measuring instrument

Principle of operation	reflection of light	
Measuring range(s)	Single interval	
Speed range	$0,2 \text{ m/s} \leq v \leq 3,0 \text{ m/s}$	
Electromagnetic environment class	E2	
Mechanical environment class	M2	
Climatic environment	temperature range	$-10 \text{ }^\circ\text{C} / +55 \text{ }^\circ\text{C}$
	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 $\geq 50 \text{ mm}$	

conveyor belt			
Maximum dimension	Length	Width	Height
	max $\leq 2500 \text{ mm}$	max $\leq 1000 \text{ mm}$	max $\leq 1000 \text{ mm}$
Minimum dimension	min $\geq 100 \text{ mm}$	min $\geq 100 \text{ mm}$	min $\geq 100 \text{ mm}$
Scale interval d	d $\geq 10 \text{ mm}$	d $\geq 10 \text{ mm}$	d $\geq 10 \text{ mm}$
crossbelt sorter			
Maximum dimension	Length	Width	Height
	max $\leq 1600 \text{ mm}$	max $\leq 1500 \text{ mm}$	max $\leq 1000 \text{ mm}$
Minimum dimension	min $\geq 100 \text{ mm}$	min $\geq 100 \text{ mm}$	min $\geq 100 \text{ mm}$
Scale interval d	d $\geq 10 \text{ mm}$	d $\geq 10 \text{ mm}$	d $\geq 10 \text{ mm}$

The VIPAC-D2-BNPS/CNPS uses two VOLUMECH^{HD} sensors to record dimensions of rectangular or irregular shaped objects.