

# Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML  
Germany



OIML Certificate N°  
**R129/2000-DE1-09.02**

## OIML CERTIFICATE OF CONFORMITY

### Issuing Authority

Name: Physikalisch-Technische Bundesanstalt  
Address: Bundesallee 100, 38116 Braunschweig  
Person responsible: Dr. Ahmed Abou-Zeid

### Applicant

Name: VITRONIC Dr.-Ing. Stein Bildverarbeitungssysteme GmbH  
Address: Hasengartenstr. 14, 65189 Wiesbaden,  
Germany

Manufacturer of the certified type is the applicant.

### Identification of the certified type

Multi-dimensional measuring instrument

Type: VIPAC D2-BNLS

Further characteristics: see page 2

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

**R129, Edition 2000 (E)**

This Certificate relates only to the metrological and technical characteristics of the type of instrument covered by the relevant OIML Recommendation identified above.

This Certificate does not bestow any form of legal international approval.

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The conformity was established by the results of tests and examinations provided in the associated Test Reports:

No. PTB-5.45-4031607                      that includes 11 pages  
and associated Test Reports  
No. R129/2000-DE-09.02                      that includes 65 pages  
No. SGS-TÜV Saarland, 16200FQ              that includes 34 pages

## The Issuing Authority

## The OIML Member

Dr. Ahmed Abou-Zeid  
Direktor und Professor

Prof. Dr. R. Schwartz  
Direktor und Professor

27.01.2009

27.01.2009

## Identification of the type (continued)

Measurement ranges, scale intervals and transport speed:

To the measurement of rectangular objects with non-reflecting and opaque surfaces

Dimensions	Minimum in mm	Maximum in mm	scale interval <i>d</i> in mm	<i>V</i> <sub>min</sub> in m/s	<i>V</i> <sub>max</sub> in m/s
Length	50	2500	5	0.5	3.0
Width	50	1000	5		
Height	50	1000	5		

To the measurement of non-rectangular and irregular shaped objects with non-reflecting and opaque surfaces

Dimensions	Minimum in mm	Maximum in mm	scale interval <i>d</i> in mm	<i>V</i> <sub>min</sub> in m/s	<i>V</i> <sub>max</sub> in m/s
Length	100	2500	10	0.5	3.0
Width	100	1000	10		
Height	100	1000	10		

## Environmental conditions

Temperature range:                      0 °C up to + 40 °C  
Humidity conditions:                      Non-condensing humidity  
Intended location:                      Indoor

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