



# OIML Certificate

Number R129/2000-A-NL1-21.06  
Project number 1902248  
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**OIML Member State**  
The Netherlands

Issuing authority

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

Applicant and  
Manufacturer

Jörg Elektronik GmbH  
Bauhofweg 2  
87534 Oberstaufen  
Germany

Identification of the  
certified type

A **Multi-Dimensional Measuring instrument**  
Type : JORO Volume

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** - 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**  
13 December 2021

Certification Board

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The conformity was established by the results of tests and examinations provided in the associated OIML Type Evaluation Report:

- No. NMI-1902248-01 dated 13 December 2021 that includes 59 pages.

## Characteristics of the multi-dimensional measuring instrument

Principle of operation	reflection of light		
Maximum dimension	Length	Width	Height
	max ≤ 2500 cm	max ≤ 300 cm	max ≤ 450 cm
Minimum dimension	min ≥ 100 cm	min ≥ 100 cm	min ≥ 100 cm
Scale interval d	d ≥ 5 cm	d ≥ 5 cm	d ≥ 5 cm
Measuring range	Single interval		
Speed range	0 km/h ≤ v ≤ 5 km/h		
Electromagnetic environment class	E2		
Mechanical environment class	M2		
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"></div> <div style="width: 40%; text-align: center;">The measuring sensors</div> <div style="width: 40%; text-align: center;">The controller PC</div> </div>	temperature range		-25 °C / +40 °C
	humidity		condensing
	intended location		open and closed
			closed
Power supply voltage	24 V DC		
Method of operation	automatic		
Application	Intended to be used for: <ul style="list-style-type: none"> <li>• Round timber stacked on a truck, railway wagon or similar vehicle.</li> <li>• Bulk material in a tipper of similar type of truck or railway wagon</li> </ul>		
Limitations of use	Round timber and opaque bulk material		
Software identification	Version number	1.1.x.x (x indicates the legally non relevant software and is a number between 0 and 99)	