



# OIML Certificate

**OIML Member State**  
The Netherlands

Number R129/2000-A-NL1-21.03  
Project number 2437401  
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Issuing authority

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

Applicant and  
Manufacturer

Welltec Co., Ltd  
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Republic of Korea

Identification of the  
certified type

**A Multi-Dimensional Measuring instrument**  
Type : BEDAL 3L-85

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**  
27 July 2021

Certification Board

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The notification of NMi Certin B.V. as Issuing Authority can be verified at [www.oiml.org](http://www.oiml.org)

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

- No. NMI-2437401-01 dated 27 July 2021 that includes 62 pages.

## Characteristics of the multi-dimensional measuring instrument

Principle of operation	reflection of light		
	Length	Width	Height
Maximum dimension	max ≤ 440 mm	max ≤ 340 mm	max ≤ 310 mm
Minimum dimension	min ≥ 100 mm	min ≥ 100 mm	min ≥ 50 mm
Scale interval d rectangular objects	d ≥ 5 mm	d ≥ 5 mm	d ≥ 5 mm
Scale interval d irregular objects	d ≥ 10 mm	d ≥ 10 mm	d ≥ 10 mm
Minimum spacing between successive objects	≥ 20 mm		
Measuring range(s)	Single interval		
Electromagnetic environment class	E2		
Mechanical environment class	M1		
Climatic environment	temperature range	+5 °C / +40 °C	
	humidity	non-condensing	
	intended location	closed	
Power supply voltage	100-240 V AC 50/60 Hz through an AC/DC adapter		
Method of operation	semi-automatic		
Limitations of use	rectangular, opaque, objects with regular surfaces irregular objects (cylinder, donut etc) not suitable for black objects not suitable for transparent objects not suitable for cylinder objects (when the round face faces the camera) not suitable for rectangular boxes with no space in between		
Software identification	Version		
	Firmware Main	G390-86-000-55_X <sup>1)</sup>	
	Plugin	G390-86-001-08_X <sup>1)</sup>	

1) Where "X" represents changes in the legally non-relevant part of the software and can be any letter between A-Z.