

OIML Member State
The Netherlands

Number R129/2000-B-NL1-18.01
Project number 1900993
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Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	Teraoaka Seiko Co., Ltd. 13-12 Kugahara, 5-Chome Ohta-Ku, Tokyo 146-8580 Japan
Identification of the certified type	A Multi-Dimensional Measuring instrument Type : SQ-2000 and SQ-3000
Characteristics	See next page

This OIML Certificate is issued under scheme B.

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**
4 June 2018



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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-1900993-04 dated 30 May 2018 that includes 72 pages;
- No. NMI-1900993-05 dated 30 May 2018 that includes 20 pages.

Characteristics of the multi-dimensional measuring instrument

Principle of operation	cutting a light beam		
SQ-2000			
Maximum dimension	Length	Width	Height
	max ≤ 1530 mm	max ≤ 600 mm	max ≤ 920 mm
Minimum dimension	min ≥ 150 mm	min ≥ 100 mm	min ≥ 60 mm
Scale interval d	d ≥ 5 mm		
SQ-3000			
Maximum dimension	Length	Width	Height
	max ≤ 1530 mm	max ≤ 900 mm	max ≤ 920 mm
Minimum dimension	min ≥ 150 mm	min ≥ 100 mm	min ≥ 60 mm
Scale interval d	d ≥ 5 mm		
Measuring range	Single interval		
Speed range	30 m/min ≤ v ≤ 100 m/min		
Electromagnetic environment class	E2		
Mechanical environment class	M1		
Climatic environment	temperature range	0 °C / +40 °C	
	humidity	non-condensing	
	intended location	closed	
Power supply voltage	3x 200 V AC 50/60 Hz		
Method of operation	Automatic		
Limitations of use	Rectangular, triangle and trapezium opaque objects with regular surfaces. The object needs to be rectangular on the base plane of the instrument.		
Minimum spacing between successive objects	spacing ≥ 70 mm		



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Software identification		
Part	Software part	Firmware version ^{*)}
Display unit	SQMesSrv.exe	1.x.x.x
	SPK_Mmlf.dll	1.x.x.x
Conveyor	SH	1.xx
	N10	1.xx

^{*)}x is a number between 0 and 9