

OIML Member State
The Netherlands

Number R76/2006-A-NL1-24.19 revision 0
Project number 3834855
Page 1 of 3

Issuing authority

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

Applicant and
Manufacturer

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Identification of the
certified type

A Non-automatic weighing instrument
Brand : DIBAL
Type : 500, 500-SW and D-900 Series

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 76-1:2006 for accuracy class (III) or (III)

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.

This certificate and supporting reports comply with the requirements of OIML-CS-PD-07 clause 6.2.

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Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1
8 August 2024

Certification Board

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OIML Member State
The Netherlands

Number R76/2006-A-NL1-24.19 revision 0
Project number 3834855
Page 2 of 3

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

Module	Type	Report	Issue date	Pages
Indicator	500-SW	NMi-11200653-01	30 November 2012	37
		NMi-12200102-01	23 July 2012	14
		NMi-12200562-01	11 December 2012	30
		NMi-13200410-01	9 October 2013	17
		NMi-13200410-02	9 October 2013	10
	500	R76/2006-NL1-10.28A	26 August 2010	47
		R76/2006-NL1-10.28B	26 August 2010	16
		NMi-10200492-01	21 December 2010	17
		NMi-10201100-01	27 April 2011	35
		NMi-11200395-01	22 July 2011	32
		NMi-13200724-01	12 March 2014	38
		NMi-15200175-01	13 April 2015	14
		NMi-1901266-01	4 October 2017	12
		NMi-2399743-01	21 November 2019	13
Load cell	L6D	NMi-10200947-07	24 December 2020	59
		NMi-10200947-08	24 December 2020	59
	LAB...	R60/2000-NL1-10.07	17 May 2010	40
		NMi-12200582-01	23 August 2013	52
		NMi-3534839-01	29 November 2022	51

Characteristics of the non-automatic weighing instrument:

Accuracy class	III or IIII
Maximum capacity	6 kg ≤ Max ≤ 30 kg
Verification scale interval	e ≥ 2 g
Weighing ranges	Single interval Multi-interval Multiple range
Maximum number of scale intervals (Single interval)	n ≤ 3000 divisions
Maximum number of scale intervals	n ≤ 3000 divisions (per weighing range or partial weighing range)
Maximum number of partial weighing ranges	2
Load cell excitation voltage	5 V DC
Minimum input voltage per verification scale interval	1,0 μV
Minimum load cell resistance	300 Ω
Maximum load cell resistance	900 Ω

OIML Member State
The Netherlands

Number R76/2006-A-NL1-24.19 revision 0
Project number 3834855
Page 3 of 3

Load cell interface	4-wire, or 6-wire with sense technology
Maximum number of load platforms	1
Temperature range	-10 °C / +40 °C
Power supply voltage	110 – 230 V AC 50/60 Hz or 12 – 24 V DC via external power supply or internal battery
Application	Intended to be used for direct sales to the public
Software identification	W100 for the 500 Series; W200 for the 500-SW Series and D-900.

Revision History

Revision	Date	Change(s)
0	2024-08-07	Initial issue.