OIML Certificate

Issuing authority	NMi Certin B.V. Person responsible: M.Ph.D. Schmidt
Applicant and Manufacturer	Grupo Epelsa, S.L.U. C/ Punto Net, 3 28805 Alcalá de Henares (Madrid) Spain
Identification of the certified type	A **Non-automatic weighing instrument** Type : BP-XX
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 ⅢⅠ

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.

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

Issuing Authority	**NMi Certin B.V., OIML Issuing Authority NL1** 22 June 2023 Certification Board

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

Module	Type	Report	Issue date	Pages
Load cell	ZSF-A-…	R60/2000-NL1-05.17A	12 October 2005	40
	ZSFY-A-…	R60/2000-NL1-05.17B	11 October 2005	37
Indicator	Energy	NMi-3478944-01	11 March 2022	9
Indicator	ORION PLUS CYBER PLUS	NMi-13200261-01	16 September 2013	49
Indicator	ML-500 CT-12	NMi-16200766-01	6 March 2017	14
		NMi-1902396-01	26 March 2019	21
		NMi-2616321-01	8 July 2022	15
		NMi-2616321-02	8 July 2022	7

For each model the compatibility of load cells and indicator is established by the manufacturer by means of the compatibility of modules form, contained in OIML R76 edition 2006 Annex F.

Characteristics of the non-automatic weighing instrument:

Accuracy class	Ⓘ︎ⅠⅠ or ⒤ⅠⅠⅠ
Maximum capacity	30 t ≤ Max ≤ 60 t
Verification scale interval	e ≥ 10 kg
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	0,66 µV
Minimum load cell resistance	35 Ω
Maximum load cell resistance	1100 Ω ± 50 Ω
Fraction of the maximum permissible error	0,5
Load cell interface	6-wire with sense technology
Maximum number of load platforms	2
Temperature range	-10 °C / +40 °C
Power supply voltage	220 – 230 V AC 50/60 Hz

OIML Certificate

OIML Member State
The Netherlands

Number R76/2006-A-NL1-23.12 revision 1
Project number 3653225
Page 3 of 3

Software identification			
	Energy		Version number: En.XX.X.XX 1X (X = 0…9 or X = A…Z)
	ORION PLUS CYBER PLUS		XXXX.**Y**.XXX.**10** or XXXX.X.XXX.**0**X (where X is 0…9 or A…Z) (where **Y** is 0…9 or A…Z) The '**0**' or '**10**' indicates the metrological version of the software.
	ML-500 CT-12	Firmware	MBPT-CCII-000Y00-0.xx, where Y→ 1= Mini BPTC board & CS5530 board 2=A+M board: CC = country, II = language (variable), 0.xx = version, xx= variable.
		ScalePos (Windows)	Version: 1.0.2.3 Checksum: E3E57643A0178BE8C21F9CFF53BFB80D
		TouchScale (Linux)	Version: 1 Checksum: dcf11d09b220209e7f92ef48494d6dc2
		TouchScale (windows)	Version: 1 Checksum: 9669792b564f793471c962c02bd8d912

Revision History

Revision	Date	Change(s)
0	2023-05-04	Initial issue.
1	2023-06-22	Correction referenced test reports