OIML Certificate

OIML Member State
The Netherlands

Number R76/2006-A-NL1-21.01 revision 4
Project number 4114706

Issuing authority	NMi Certin B.V. Person responsible: M.Ph.D. Schmidt
Applicant and Manufacturer	Shanghai Teraoka Electronic Co., Ltd. No. 6058 of Nan Ting Road, Ting Lin Town, Jin Shan District, Shanghai China
Identification of the certified type	An **Indicator** Type : DIX-3000 DIX-3000SS DIX-3000SS AC
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.

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 Report(s) is not permitted, although either may be reproduced in full.

Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1
15 October 2026

Certification Board

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This document is issued under the provision that no liability is accepted and that the applicant shall indemnify third-party liability.

The notification of NMi Certin B.V. as Issuing Authority can be verified at www.oiml.org

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This document is digitally signed and sealed. The digital signature can be verified in the blue ribbon at the top of the electronic version of this certificate.

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The conformity was established by the results of tests and examinations provided in the associated reports:
- No. NMi-2434284-01 dated 22 October 2020 that includes 55 pages;
- No. NMi-2551360-01 dated 11 January 2021 that includes 15 pages;
- No. NMi-3633002-01 dated 14 March 2023 that includes 18 pages;
- No. NMi-3807383-01 dated 14 June 2024 that includes 23 pages;
- No. NMi-3807383-02 dated 14 June 2024 that includes 15 pages;
- No. NMi-4114706-01 dated 15 October that includes 21 pages.

Characteristics of the indicator:
The construction of the indicator is recorded in the Documentation folder no. TC11782-4.

Configuration	Analog load cells
Accuracy class	(III) or (IIII)
Weighing ranges	Single interval Multi-interval
Maximum number of scale intervals (one weighing range)	$n \leq 7500$
Maximum number of scale intervals (multi-interval)	$n \leq 7500$ (per partial weighing range)
Maximum number of partial weighing ranges	2
Tare	$T \leq -Max_1 + e_1$ for multi-interval instruments
Load cell excitation voltage	5 V DC
Minimum signal input voltage	U_{min} = 0 mV
Minimum input voltage per verification scale interval	0,66 µV
Minimum load cell resistance	85 Ω
Maximum load cell resistance	3300 Ω
Fraction of the maximum permissible error	0,5
Load cell connection	6-wire (remote sensing)
Maximum value of the cable length per cross wire section between the indicator and the junction box or load cells	Length 406 m/mm^2 In case a 4-wire connection is used the load cells are connected directly without junction box
Temperature range	-10 °C / +40 °C
Power supply voltage	12 V DC supplied by 100 - 240 V AC 50/60 Hz AC/DC adapter, 7,4 V internal battery

Software identification	Filename	Version	Checksum
STE77 software	libwm.so	1.1	0142994b15a6d3a0832b87f19ca29d9b

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Revision History

This revision replaces the previous versions.

Revision	Date	Change(s)
0	Date of issue	Initial issue.
1	2023-03-14	Addition of alternative AC/DC switch power adapter
2	-	Never issued.
3	2024-06-14	Addition of alternative main board
4	2026-10-15	Addition of DIX-3000SS AC with power supply WD-30W12E