OIML Certificate

OIML Member State
The Netherlands

Number R76/2006-A-NL1-21.35 revision 1
Project number 3848748

Issuing authority	NMi Certin B.V. Person responsible: M.Ph.D. Schmidt
Applicant and Manufacturer	Ohaus Corporation 8 Campus Drive, Suite 105 Parsippany, New Jersey 07054 United States of America
Identification of the certified type	An **Indicator** Type : i-DT33P, i-DT33XW
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
22 April 2025

Certification Board

NMi Certin B.V.
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The conformity was established by the results of tests and examinations provided in the associated reports:
- No. NMi-2630383-01 dated 25 October 2021 that includes 51 pages;
- No. NMi-2630383-02 dated 25 October 2021 that includes 12 pages;
- No. NMi-3848748-01 dated 22 April 2025 that includes 21 pages.

Characteristics of the indicator:

	i-DT33P	i-DT33XW
Accuracy class	(III) or (IIII)	
Weighing ranges	Single interval Multi-interval	
Maximum number of scale intervals (one weighing range)	n ≤ 10000	
Maximum number of scale intervals (multi-interval)	n ≤ 3000 (per 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 µV	
Minimum signal input voltage	U_{min} = 0 mV	
Minimum load cell resistance	87,5 Ω	
Maximum load cell resistance	1050 Ω	
Fraction of the maximum permissible error	0,5	
Load cell interface	6-wire with sense technology, may be configured as 4-wire	
Maximum value of the cable length per cross wire section between the indicator and the junction box or load cells	2472 m/mm^2 In case sense technology is not used the load cells are connected directly without junction box or extension cable	
Temperature range	-10 °C / +40 °C	
Power supply voltage	9 V DC 6 dry cells or 6 V DC rechargeable battery or 100-240 V AC 50/60 Hz	6 V DC rechargeable battery or 100-240 V AC 50/60 Hz
Software identification	Sr 1.xx (xx = 00…99 and represents the non-legally relevant software)	

Software:
- The identification number will be displayed at start-up.

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Revision History

This revision replaces the previous version.

Revision	Date	Change(s)
0	2021-10-25	Initial issue.
1	2025-04-22	Addition of a report due to a new power supply board.