



# OIML Certificate

**OIML Member State**  
The Netherlands

Number R76/2006-A-NL1-18.13 revision 1  
Project number 3798542  
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**Issuing authority**

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

**Applicant and  
Manufacturer**

Ohaus Corporation  
8 Campus Drive, Suite 105  
Parsippany, NJ 07054  
United States of America

**Identification of the  
certified type**

An **Indicator**  
Type

: TD52P, TD52XW

**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.

*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 March 2024

**Certification Board**

NMi Certin B.V.  
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2629 JA Delft  
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certin@nmi.nl  
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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](http://www.oiml.org)

This document is digitally signed and sealed. The digital signature can be verified in the blue ribbon on 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-1901627-01 dated 9 April 2018 that includes 41 pages;
- No. NMI-1901627-02 dated 9 April 2018 that includes 28 pages;
- No. NMI-3494309-01 dated 7 July 2022 that includes 28 pages;
- No. NMI-3494309-02 dated 7 July 2022 that includes 20 pages.

## Characteristics of the indicator:

Accuracy class	III or IIII	
Weighing ranges	Single interval Multi-interval	
Maximum number of scale intervals	$n \leq 10000$ divisions for class III $n \leq 1000$ divisions for class IIII	
Maximum number of partial weighing ranges	2	
Load cell excitation voltage	5 V DC	
Minimum input voltage per verification scale interval	0,8 $\mu$ V	
Minimum load cell resistance	43 $\Omega$	
Maximum load cell resistance	1050 $\Omega$	
Fraction of the maximum permissible error	0,5	
Load cell connection	4-wire 6-wire (remote sensing)	
Maximum value of the cable length per cross wire section between the indicator and the junction box or load cells	5695,3 m/mm <sup>2</sup> 1230 m/mm <sup>2</sup> for new main board 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	100 – 240 V AC 50/60 Hz, or 7,4 V DC internal battery	
Software identification	Version number:	
	Sr 1.xx (xx= 02...99)	Sr 3.xx (xx= 00...99)



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## Revision History

This revision replaces the previous version.

Revision	Date	Change
0	2018-04-10	Initial issue.
1	2024-03-22	Adding new mainboard.