



# OIML Certificate

**OIML Member State**  
The Netherlands

Number R51/2006-A-NL1-24.02 revision 1  
Project number 3990840  
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Issuing authority

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

**Applicant and  
Manufacturer**

Zhonghang Electronic Measuring Instruments (Xi'an) Co., Ltd.  
No. 166, West Avenue  
Hi-Tech District  
Xi'an, Shaanxi 710117  
China

Identification of the  
certified type

An **Automatic catchweighing instrument**  
Type : FCS-60-JY

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 51-1:2006** for accuracy class Y(a)

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**  
8 August 2025

Certification Board

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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-3569711-01 dated 3 May 2024 that includes 76 pages;
- No. NMI-3569711-02 dated 3 May 2024 that includes 18 pages.

## Characteristics of the automatic catchweighing instrument

Destined to be used as	catchweigher	
Accuracy class	Y(a)	
Maximum capacity	1 kg ≤ Max ≤ 60 kg	
Minimum capacity	Min ≥ 20 e	
Verification scale interval	e ≥ 50 g	
Weighing range	Single interval	
Maximum number of scale intervals	n ≤ 1200	
Maximum load transport system speed	90 m/min	
Maximum rate of operation	60 packages per minute	
Electromagnetic environment class	E2	
Climatic environment	temperature range	-10 °C / +40 °C
	humidity	non-condensing
	intended location	closed
Power supply voltage	210 V – 230 V AC 50/60 Hz	
Software identification	Version number	FX5.yy (y= 0...9 for legally non-relevant part)
		For DSD : V1.0.1yy.zzzzz (y, z= 0...9 for legally non-relevant part)

Software:

- The identification number will be displayed at start-up;
- For DSD click on "system" on the DSD software window to view identification.

## Revision History

This revision replaces the previous version.

Revision	Date	Change(s)
0	2024-05-03	Initial issue.
1	2025-08-08	Change of manufacturer's name is more appropriate