



OIML Member State
Denmark

OIML Certificate No.
R76/2006-A-DK2-2022.07

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

Name: **FORCE Certification A/S**
Address: **Park Allé 345, 2605 Brøndby, Denmark**
Person responsible: **Per Rafn Crety**

Applicant

Name: **Changzhou Weibo Weighing Equipment System Co., Ltd.**
Address: **No.3 Building, Sino-Europe (Changzhou) Testing,
Inspection and Cooperation Industrial Park
Tianning District, Changzhou
China**

Manufacturer Changzhou Weibo Weighing Equipment System Co., Ltd.

Identification of the certified type (*the detailed characteristics will be defined in the additional pages*)

ID510 / ID511 / ID551PN

Designation of the module (*if applicable*)

Non-automatic weighing indicator

This OIML Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML type evaluation report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 76-1, Edition (year): 2006

For accuracy class (if applicable): **III and IIII**

This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.

This OIML Certificate does not bestow any form of legal international approval.

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

Type examination report: No. 119-30676.10, dated 02 August 2022, that includes 125 pages

Type evaluation report: No. 119-30676.90.20, dated 07 September 2022, that includes 56 pages

The technical documentation relating to the identified type is contained in documentation file:
119-30676

OIML Certificate History

Revision No.	Date	Description of the modification
Initial version	23 September 2022	

Identification, signature and stamp

The OIML Issuing Authority

FORCE Certification A/S

Date: 23 September 2022

Jens Hovgård Jensen

Certification Manager

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

Descriptive annex

Characteristics

- Type: ID510 / ID511 / ID551PN
- Accuracy class III and IIII
- Single interval
- Maximum capacity $\leq 300\,000$ kg
- Maximum number of verification scale intervals: 6000
- Maximum tare effect: -Max
- Fraction factor $p'I = 0.5$
- Minimum input voltage per VSI: $\geq 1\ \mu\text{V}$
- Excitation voltage: 5 VDC
- Circuit for remote sense: Yes
- Minimum input impedance: 43 ohm
- Maximum input impedance: 1100 ohm
- Maximum cable length to junction box: $10523\ \text{m}/\text{mm}^2$
- Temperature range: $-10\ ^\circ\text{C}$ to $+40\ ^\circ\text{C}$
- Power supply: 100-240 VAC, 50/60 Hz, or 24 VDC not to be supplied from DC mains

Software

The approved software is R1.01, dated 2018/01/29

This information is displayed at power up.

Devices

- Initial zero setting device ($\leq 20\%$ of Max)
- Semi-automatic zero setting device ($\leq 4\%$ of Max)
- Zero tracking device ($\leq 4\%$ of Max)
- Semi-automatic subtractive tare balancing device
- Zero indicator
- Net indicator
- Stable weight indicator
- Weighing of unstable items
- Totalisation (except for ID551PN)
- Indication of active scale (ID551PN)
- Manual checkweighing (ID511)

Interfaces

- RS232
- RS485
- Ethernet
- ProfiBus DP
- Modbus RTU
- Modbus-TCP
- ProfiNet
- CC-link
- Ethernet/IP
- Ethernet/CAT
- CC-link IE
- 4-20 mA current loop
- Digital input
- Digital output
- Bluetooth

The interfaces do not have to be secured.

