OIML Member State Denmark		**OIML Certificate No.** **R51/2006-A-DK2-2023.02 Rev. 1**

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: **Shanghai Teraoka Electronic Co., Ltd.,**
Address: No. 6058 of Nanting Road, Tingling town, Jinshan District
Shanghai
CHINA

Manufacturer: Shanghai Teraoka Electronic Co., Ltd.

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

SCG-3000 / SCG-6000 / SCG-15000

Designation of the module *(if applicable)*

Automatic Catchweighing instrument

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 51-1, Edition (year): 2006

For accuracy class (if applicable**): XIII or Y(a)**

FORCE Certification A/S · Park Alle 345 2605 Brøndby Tel+45 43 25 01 77 info@forcecertification.com www.forcecertification.com
Task no.: 123-33553.90.20 and ID no.: FC-OIML-16073-1 forcecertification.com/en/weighing

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. 121-34103.10, dated 21 December 2022, that includes 90 pages

Type evaluation report: No. 121-34103.90.20, dated 07 February 2023, that includes 16 pages

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

121-34103

OIML Certificate History

Revision No.	Date	Description of the modification
Initial version	09 February 2023	-
Static mode added	08 December 2023	

Identification, signature and stamp
The OIML Issuing Authority
FORCE Certification A/S

Date: 08 December 2023

Jens Hovgård Jensen
2023-12-08

Digitally signed by Jens Hovgård Jensen
jhje@force.dk
Certification Manager

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

- Accuracy class: X(III), Y(a)
- Weighing range: Single-interval
- Weighing mode: Static and Dynamic
- Maximum capacity (Max): 3, 6 and 15 kg
- Minimum capacity (Min): ≥ 50×e
- Verification scale interval (e=): ≥ 1 g
- Number of verification scale intervals (n): ≤ 3000
- Belt speed: 20 m/min
- Warm-up time: None
- Temperature range: -10 °C to +40 °C
- Supply voltage: 230 VAC, 50/60 Hz
- Electromagnetic class: E2
- Humidity: Non-condensing

The SCG-xxxxx catchweigher uses HBM PW15AH C3 load cell.

Software

Identification of the software version is performed during power-up.

The approved software version is v4.xx, where xx can be 00-99 and represents minor non-legal changes.

Devices

- Power up test
- Initial zero setting device (≤20 % of Max)
- Automatic zero setting device (≤4 % of Max) – dynamic mode only
- Semiautomatic zero setting device (≤4 % of Max) – static mode only
- Zero tracking device (≤4 % of Max) – static mode only
- No motion detection and indication
- Detection of significant fault

Interfaces

- Ethernet for communication to peripherals.
- USB (for setup of the instrument only)

The interface does not have to be secured.