OIML Member State Denmark	**OIML Certificate of Conformity No.** **R76/2006-A-DK2-2021.09**

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

Name: **FORCE Certification A/S**
Address: Park Allé 345, 2605 Brøndby, Denmark
Person responsible: Leif Madsen

Applicant

Name: **Shanghai Digital Balance Electronic Co., Ltd.**
Address: #788 Songxiu Road, Qingpu Industrial Park
Shanghai, 201703
P.R. China

Manufacturer **Shanghai Digital Balance Electronic Co., Ltd.**

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

DB-100

Designation of the module *(if applicable)*

Non-automatic electronic price-computing weighing 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 76-1, Edition (year): 2006

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

FORCE Certification A/S · Park Alle 345 2605 Brøndby Tel+45 43 25 01 77 Fax +45 43 25 00 10 info@forcecertification.com
www.forcecertification.com

OIML Certificate No.
R76/2006-A-DK2-2021.09

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. 120-21878.10 dated 17 May 2021, that includes 69 pages

Type evaluation report: No. 120-21878.90.20 dated 19 July 2021, that includes 22 pages

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

120-21878

OIML Certificate History

Revision No.	Date	Description of the modification
Initial version	02 August 2021	-

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

Date: 02 August 2021

Jens Hovgård Jensen
2021-08-02

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 III
- Single interval, multi interval (2 partial intervals)
- Maximum number of verification scale intervals: 3000 or 2x3000
- Maximum capacity (Max): 3 kg to 30 kg
- Minimum capacity (Min): 20 × e
- Verification scale interval(e): ≥ 1 g
- Maximum tare effect: ≤ -Max or ≤ -Max_1
- Temperature range. -10 °C to +40 °C
- Power supply: 220 VAC

Model variants and designation

The DB-100B has the two LCD displays mounted in front and rear.
The DB-100P has the two LCD displays mounted on a pole.

The load cell used in the instruments is a DB-1 C3 with $v_{min} \leq e$ and $0.6 \times E_{max} \leq Max \leq 0.9 \times E_{max}$. from Shanghai Digital Balance Electronic Co., Ltd.

Software

The software version is: V. 1825

This information is displayed at power up.

Sealing

Access to the configuration and calibration facility is achieved by pressing a calibration switch accessed through a hole in the bottom of the enclosure of the scale.
Sealing of the access to the calibration switch, electronics and connection of the load cell is accomplished by a plate covering access to the switch.
The cover is sealed with wire and seal which at the same time seal the access to the calibration switch and the inside of the enclosure containing the electronics and the connection of the load cell to the electronics.

Devices

- Initial zero setting device (≤ 20% of Max)
- Semi-automatic zero setting device (≤ 4% of Max)
- Zero tracking device (≤ 4% of Max)
- Zero indicator
- Net indicator
- Stable weight indicator
- Semi-automatic subtractive tare weighing device
- Printing device
- Price-computing
- Price-look-up (PLU)
- Price totalization
- Gravity compensation
- Calibration / set-up mode via sealed internal switch

Interfaces

- RS232
- Cash drawer
- Ethernet
- Wireless LAN
- USB