	DANAK PROD Reg.no. 7026	FORCE Certification

OIML Member State	**OIML Certificate No.**
Denmark	**R76/2006-A-DK2-20.01 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:	**Tscale Electronics Mfg. (Kunshan) Co., Ltd.**
Address:	No. 99 Jingwei Road, Zhoushi, Kunshan, Jiangsu China

Manufacturer **Tscale Electronics Mfg. (Kunshan) Co. Ltd.**

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

DL… / DSP… / DSW…

Designation of the module *(if applicable)*

Non-automatic electronic 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 43250177 info@forcecertification.com www.forcecertification.com
Task no.: 125-34474 and ID no.: FC-OIML-21068-1 forcecertification.com/en/weighing

OIML Certificate No.
R76/2006-A-DK2-20.01 Rev. 1

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. 119-31559.10, dated 13 January 2020, that includes 94 pages.
Type Examination report: No. 125-32000.10, dated 14 November 2025, that includes 24 pages.

Type Evaluation report: No. 119-31559.90.20, dated 22 January 2020, that includes 20 pages.
Type Evaluation report: No. 125-34474.20, dated 27th January 2026, that includes 22 pages.

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

119-31559

125-32000

OIML Certificate History

Revision No.	Date	Description of the modification
Initial version	12 February 2020	-
Rev. 1	27th January 2026	Indication revised, Unit device added, Change in model designations

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

Date: 27th January 2026

Rasmus Møller Jensen

Digitally signed by Rasmus Møller Jensen
Date: 2026.01.27 18:06:21 +01'00'

Rasmus Møller 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	DL… / DSP… / DSW…
Accuracy class	III
Weighing range	Single interval, multi-interval (dual) or multi-range (dual)
Maximum number of Verification Scale Intervals	≤ 3000 or 2×3000
Maximum capacity (Max)	6 kg to 30 kg
Minimum capacity (Min)	20 e
Verification Scale Interval (e)	≥ 1 g
Maximum tare effect	≤ -Max
Mains power supply	12 VDC / 100 - 240 VAC, 50/60 Hz using external AC/DC adapter 6 V battery (optional) or 5 VDC from USB connector depending on model
Operational temperature	-10°C to +40°C
Peripheral interface	Set out in Section 4

Models

DSP and DSW are models within the DL series.

The DL, DSP, and DSW models use the same mainboard, and the scale body is also identical across all three models. DSP and DSW are optional versions based on the DL model.

DSW is equipped with a pole rear display with one weight window.

DSP is equipped with a pole rear display with three windows, showing unit price, total price, and weight.

Software

The instruments have software separation.
The software version of the application software is shown during startup of the scale.
The software version of the legal software is shown by pressing the zero key when the application software version is shown.

The approved software versions are,
Legal software: v1.11 or v1.14
Application software: v1.xx(y)

Devices

- Initial zero setting device (≤ 20% of Max)
- Semi-automatic zero setting device (≤ 4% of Max)
- Zero tracking device (≤ 4% of Max)
- Semi-automatic subtractive tare balancing device
- Gravity compensation device
- Unit device
- Stable equilibrium, Zero, Net and active range indicators.

Interfaces

- RS232
- USB
- Bluetooth (optional)

Connection to Point Of Sale (POS) system

The DSP… scale may be connected to a POS system, if the POS system fulfil the following requirements:

- The POS system uses DSP…'s 'Unit price' and 'Price to pay' displays
- The POS system update the 'Unit price' display at least each time the weight changes from zero to non-zero.
- The POS system update the 'Price to pay' display with actual price at least each second, when the weight is non-zero.
- The POS system uses – and the DSP… is configured to –the following protocol:
  - DL… CON2