



OIML Member State  
Denmark

OIML Certificate of Conformity No.  
R76/2006-A-DK2-2021.05

**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: **Avery Weigh-Tronix (Souzhou) Weighing Technology Co. Ltd**  
Address: #G2 Export Processing Zone B,  
No, 288 Shengpu Road SIP,  
Suzhou, Jiangsu Provincde  
P.R. China

**Manufacturer Nanjing Easthigh Measurement Co. Ltd.**

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

**Brecknell 6702U / 6710U / 6720U**

**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**

**OIML Certificate No.  
R76/2006-A-DK2-2021.05**

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. 120-35169.10 dated 1 March 2021, 26 pages

Type examination report: No. 00315 dated 13 October 2015, 68 pages

Type examination report: No. 00316 dated 14 October 2015, 36 pages

Type examination report: No. 00317 dated 15 October 2015, 15 pages

Type examination report: No. 00323 dated 08 January 2016, 13 pages

Type examination report: No. SN1351 dated 18 April 2016, 41 pages

Type evaluation report: No. 120-35169.90.20 dated 24 March 2021, that includes 23 pages

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

120-35169

**OIML Certificate History**

<b>Revision No.</b>	<b>Date</b>	<b>Description of the modification</b>
Initial version	20 April 2021	-

Identification, signature and stamp

**The OIML Issuing Authority**

FORCE Certification A/S

Date: 20 April 2021

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-range (dual)
- Maximum number of verification scale intervals: 2x3000
- Maximum capacity (Max): 6 kg to 30 kg
- Minimum capacity (Min):  $20 \times e$
- Verification scale interval(e):  $\geq 1 \text{ g}$
- Temperature range.  $-10 \text{ }^\circ\text{C}$  to  $+40 \text{ }^\circ\text{C}$
- Power supply: 100-240 VAC 50/60Hz

### Model variants and designation

Model	6702U	6710U		6720U
Max	3/6 kg	3/6 kg	6/15 kg	15/30 kg
e=	1/2 g	1/2 g	2/5 g	5/10 g
Min	20/40 g	20/40 g	40/100 g	100/200 g
Load cell Emax	10 kg	10 kg	20 kg	40 kg
Maximum tare	- Max			
Temperature range	$-10 \text{ }^\circ\text{C}$ to $+40 \text{ }^\circ\text{C}$			
Power supply	6V DC via any CE-marked 110-240V AC mains adaptor			

The load cell fitted in the instrument is a Zemic L6D C3, with Emax as per the table above

### Software

The software is version 01.26

In normal weighing mode, simultaneously press and hold the HOLD-PRINT and ZERO-ON/OFF keys, until "CONFG" is displayed. Using the UNIT key to select "MiSC", press the TARE key to show "Code", then keep pressing the UNIT key until "VER" is displayed. Pressing the TARE key again shows the version number, which should be "V01.26".

Pressing the ZERO-ON/OFF key returns to the "VER" display, while further presses return to normal weighing mode.

### Sealing

Access to the load cell, electronics and calibration switch is prevented by sealing of the enclosure by wire and seal or a tamperproof sticker.

In addition the instrument contains Two separate non-editable counters, one each for the CAL and CONFIG menu parameters are incremented as appropriate each time one or more calibration or configuration parameters are updated. The counters' values must be written on a tamper-evident label on or near the rating plate.

### 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)
- Zero indicator
- Net indicator
- Stable weight indicator
- Semi-automatic subtractive tare balancing device
- Preset tare
- Multi-range operation
- Weighing range indicator
- Gravity compensation
- Printing
- Power up test /display test

Instruments can be fitted with a number of additional features:

- Count Weighing Mode
- Peak / Hold (HOLD Function)
- Check weighing (Compare Function)
- Weight Fine-tune

These functions and displays must be disabled in the CONFIG menu.

### Interfaces

- RS232
- USB

