



OIML Member State
Denmark

OIML Certificate No.
R76/2006-A-DK2-2020.17

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: **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*)

IP30 / IP30-F / QP30 / PEA10 / PEA10a / PA10a / PA10b / PA10e / PA10s / PA15 / PA15-F / PA18 / LA8 / LA10 / LA15 / PH10 / PLA10 / JP30 / JP30b / AA7 / PCA10

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-DK2-2020.16**

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. 120-27147.10, dated 29 July 2020, that includes 69 pages

Type evaluation report: No. 120-27147.90.20, dated 29 September 2020, that includes 44 pages

The technical documentation relating to the identified type is contained in documentation file:
120-27147

OIML Certificate History

Revision No.	Date	Description of the modification
Initial version	01 October 2020	

Identification, signature and stamp

The OIML Issuing Authority

FORCE Certification A/S

Date: 01 October 2020

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: IP30 / IP30-F / QP30 / PEA10 / PEA10a
/ PA10a / PA10b / PA10e / PA10s / PA15 / PA15-F /
PA18 / LA8 / LA10 / LA15 / PH10 / PLA10 / JP30 /
JP30b / AA7 / PCA10

Accuracy class	III
Single interval, multi interval (dual) or multirange (dual)	
Maximum number of verification scale intervals:	3000 or 2x3000
Maximum capacity (Max):	6 kg to 30 kg
Minimum capacity (Min):	20 × e
Verification scale interval(e):	≥ 1 g
Maximum tare effect:	-Max
Temperature range.	-10 °C to +40 °C
Power supply:	100-240 VAC, or 12 VDC from external power supply for 100-240VAC or 24 VDC from external power supply for 100-240VAC

Software

The software is based on the Linux operating system

The software is separated in weighing software, application software, screen keyboard software, and printing software.

The software version of the different softwares are shown under system settings in the menu.

The application software version is also displayed in the top line of the T-Touch screen.

The approved software versions are,

OS version *): VC1.xxx

weighing software *): S1.02.xx

application software: A2.xx.(z) for models PEA10, PEA10a, PA10a, PA10b, PA10e, PA10s,
PA15, PA15-F, PA18, PLA10, IP30, IP30-F, PH10
A3.xx.(z) for models LA8, LA10, LA15, QP30, JP30, JP30b
A4.xx.(z) for models PCA10, AA7

screen keyboard: K1.xx.yy

printing software *): P1.06.xx

Network node info: V1.x.xx

*) part of legal relevant software.

Where xx and yy can be 00 to 99, while z can be not present or a to z.

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
- Preset tare
- Counting
- Check weighing
- Totalization
- Extended resolution
- Gravity compensation device
- Stable equilibrium, Zero, Net and active range indicators.

Interfaces

- RS232
- USB
- Ethernet
- Bluetooth (optional)
- Cash drawer interface (only some models)
- WiFi (optional)
- HDMI (optional)
- Slot for memory card (optional)
- Digital output (optional)

