



OIML Member State
Denmark

OIML Certificate No.
R76/2006-A-DK2-2021.01

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: **FOOK TIN Technologies Ltd.**
Address: 401., Eastern Ctr.,
1065 King's Rd.,
Quarry Bay
Hong Kong

Manufacturer **FOOK TIN Technologies Ltd.**

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

AWI-P / AWI-K / FT-AERO-1 / FT-AERO-2 / ASD-1 / ASD-2

Designation of the module (*if applicable*)

Non-automatic electronic weighing indicator

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 or IIII**

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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. 120-32716.10, dated 18 January 2021, that includes 62 pages

Type evaluation report: No. 120-32716.90.20, dated 08 February 2021, that includes 22 pages

The technical documentation relating to the identified type is contained in documentation file:
120-32716

OIML Certificate History

Revision No.	Date	Description of the modification
Initial version	23 February 2021	

Identification, signature and stamp

The OIML Issuing Authority

FORCE Certification A/S

Date: 23 February 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

Type:	AWI-P / AWI-K / FT-AERO-1 / FT-AERO-2 / ASD-1 / ASD-2
Accuracy class:	III or IIII
Weighing range:	Single-interval
Number of verification scale intervals (n_i):	≤ 6000 for class III ≤ 1000 for class IIII
Maximum capacity of interval or range (Max_i):	$n \times e$
Verification scale interval, $e_i =$:	$\geq 0.5 \mu V$
Fractional factor (ρ_i):	0.5
Excitation voltage:	5 VAC square
Minimum input voltage:	0.01 mV
Maximum input voltage:	20 mV
Circuit for remote sense:	Active, (see below)
Minimum input impedance:	58 ohm
Maximum input impedance:	3000 ohm
Connecting cable to load cell(s):	See Section 3.1.1
Supply voltage:	12 VDC, Supplied from external power supply intended for 110/230VAC, 50/60Hz
Operating temperature range:	-10 ° C to +40 ° C

Software

The AWI-P / AWI-K / FT-AERO-1 / FT-AERO-2 weighing indicators have software separation.

The version number of the legal software is in the form “v x.x”

The version number and checksum of the legal part of the software is shown at power up.

Approved version number and checksum is v1.0 and 41EC.

The legal software can only be updated by activation of the calibration switch which is protected by a seal.

The application software has version number in the form “nctssxx.aar” showing information of software version number, main board type, indicator model, software version, -release and creation year.

The number is shown at power up.

Devices

Self-test function
Initial zero-setting – within 20 % of Max
Semi-automatic zero-setting – within 4 % of Max
Zero-tracking – within 4 % of Max
Automatic zero-setting device – within 4% of Max
Zero-indicating device
Stable indicating device
Printing device
Extended resolution

Interfaces

CAN/RS485
Digital input (up to 4)
Digital output (up to 4)
CAN bus
RS232
Ethernet (optional)

