OIML Member State Denmark	**OIML Certificate No.** **R76/2006-A-DK2-18.04**

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: **Cardinal Scale Manufacturing Company**
Address: 203 East Daugherty Street,
Webb City, Missouri 64870
USA

Manufacturer **The applicant**

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

185

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**

OIML Certificate No.
R76/2006-A-DK2-18.04

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 type evaluation report:

No. 117-34433, dated 25 July 2018 that includes 69 pages

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

No. 117-34433.10

OIML Certificate History

Revision No.	Date	Description of the modification
First issuance	25 October 2018	-

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

Date: 25 October 2018

Jens Hovgård Jensen
2018-10-25

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

Type:	185
Accuracy class:	III
Weighing range:	Single-interval
Maximum capacity (Max):	n × e
Verification scale interval (e =):	Max / e
Maximum number of Verification Scale Intervals (n):	≤ 6000
Maximum subtractive tare effect:	-Max
Fractional factor:	p'i = 0.5
Minimum input voltage per VSI:	1.2 μV
Excitation voltage:	5 VDC
Circuit for remote sense:	present
Minimum input impedance:	87 ohm
Maximum input impedance:	1100 ohm
Mains power supply:	100-240 VAC, 50/60 Hz, using AC to 12V DC external adapter. Battery supply from 6 AA batteries (optional).
Operational temperature:	-10 °C to +40 °C
Maximum 6-wire cable length between indicator and junction box:	858 m/mm^2

Software

The legally relevant software has version 1.0.xx, where xx can be 04 to 99 reflecting non-legally relevant changes.
The software version is displayed as part of the power-up sequence.

Interfaces

- RS232

Devices

- Initial zero setting device (≤ 4% of Max)
- Semi-automatic zero setting device (≤ 4% of Max)
- Zero tracking device (≤ 4% of Max)
- Semi-automatic subtractive tare device
- Gross / Net display
- Printing device
- Weighing unit toggling device
- Gravity compensation device
- Stable equilibrium, Zero AND Net indicators.