



Member State of OIML
United Kingdom of Great Britain
and Northern Ireland

OIML Certificate No
R51/2006-GB1-10.02

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name: **National Weights and Measures Laboratory
(Part of the National Measurement Office)**
Address: **Stanton Avenue
Teddington
Middlesex
TW11 0JZ
United Kingdom**

Person responsible: **Paul Dixon - Product Certification Manager**

Applicant

Name: **Saimo Technology UK Ltd**
Address: **Unit 15 Meadowcroft Way
Leigh Commerce Park
Leigh WN7 3XZ
United Kingdom**

Manufacturer of the certified pattern is the Applicant.

Identification of the certified pattern:

**SCW30A Checkweigher
Further characteristics see page 2**

This certificate attests the conformity of the above-mentioned pattern (represented by the samples identified in the associated test report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML:	R51
Edition:	2006 (E)
Accuracy class:	XIII(1)

This certificate relates only to the metrological and technical characteristics of the pattern of the instrument concerned, as covered by the relevant OIML International Recommendation.

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This certificate does not bestow any form of legal international approval.

The conformity was established by tests described in the associated:

Test report: TR 578 having 38 pages
Pattern evaluation checklist: P00352 having 12 pages

The issuing authority



Mr P R Dixon

The CIML member



Mr P Mason

Date: 28 September 2010

Ref: T1108/0042

Characteristics: Mains-powered automatic checkweighing instrument designated the SCW30A.

Maximum capacity (Max):	3000 g	6000g	10000g	15000g	25000 g	50000 g
Minimum capacity (Min):	100 g	250 g	500 g	500g	1000 g	2500 g
Scale interval (e =):	2 g	5 g	10 g	10 g	20 g	50 g
Maximum number of scale intervals (n):	1500					
Tare (T):	- Max/3					
Load cell E _{max} :	15 kg	15kg	25kg	30 kg	50 kg	100 kg
Excitation voltage	10 VDC					
Belt speed range	20 to 36 m/min					
Power supply	240 Va.c. 50 Hz					
Accuracy class	XIII(1)					
Climatic environment	0 °C to +40 °C Non-condensing (closed)					

Load cell:

The load cell type may be as follows: HBM type PW15A C3, capacity according to the previous table.

Any compatible load cell may be used providing the following conditions are met:

- There is a respective OIML Certificate of Conformity (R60) issued for the load cell.
- The certificate contains the load cell types and the necessary load cell data required for the manufacturer's declaration of compatibility of modules and any particular installation requirements. A load cell marked NH is allowed only if humidity testing to OIML R51:2006 has been conducted on this load cell.
- It is not a load cell with digital output
- The characteristics of the replacement load cell such as nlc, Y, Z are the same or better than the load cell tested dynamically (HBM type PW15A C3, capacity 15 kg)
- The design of the load cells and the material are the same
- No oil damper is used

Devices:

- Initial zero-setting ($\leq 20\%$ Max)
- Semi-automatic zero-setting ($\leq 4\%$ Max)
- Zero-tracking ($\leq 4\%$ Max)
- Automatic alarm device active during automatic operation (requests a zero setting at least every 12 min)
- Pre-set tare device (subtractive)
- Static calibration not accessible to the user
- Dynamic calibration accessible to the user, correction factor recorded in batch statistics
- Internal memory for storage of batch reports
- Device that acts upon significant faults
- Screen check at power-up

Interfaces:

- USB

Important note: Apart from the mention of the certificate's reference number and the name of the OIML Member State in which the certificate was issued, partial quotation of the certificate or of the associated test report is not permitted, though they may be reproduced in full.