

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

OIML Certificate No
R76/1992-GB1-13.03

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**

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

Applicant: **Flintec UK Ltd
W4-5 Capital Point
Capital Business Park
Wentloog Avenue
Cardiff
CF3 2PW**

Manufacturer: **The applicant**

Identification of the certified pattern: **Flintec M300 - Infant Scale**

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 Organisation of Legal Metrology (OIML):

OIML R 76 - Edition 1992(E) for accuracy class: [III]

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.

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

Important note: Apart from the mention of the certificates 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.

Issue Date: 26 April 2013
Reference No: TS1201/0067



Signatory: P R Dixon

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The NMO is an Executive Agency of the Department for Business, Innovation & Skills



The conformity was established by tests and examination as described in the associated Pattern Evaluation Report P01069-1.

Characteristics of the instrument:

Main features:

The Flintec M300 Infant Scale is a Class III, mains or battery-powered, self-indicating, Non-Automatic Weighing Instrument, and is designed to record the weight of a baby.

Metrological characteristics:

| Max | Min (20e) | e | n |
|------------------------|------------------|--|--------------|
| 6 kg | 0.04 kg | 2 g | 3000 |
| 15 kg dual-interval | 0.04 kg | 2 g (0 to 6 kg), and 5 g (6 kg to 15 kg) | 3000 3000 |

Construction:

- LCD display fitted into load receptor: 5 digits, with Zero, Net and Hold indicators.
- Three buttons (Tare, Hold, and On/Off/Zero)
- Aluminium base enclosure containing the load cell and electronics.
- Plastic load receptor with tray for baby weighing.
- Level indicator next to the display.
- Four adjustable feet for levelling.
- Operating temperature range +5°C to +35°C.

Devices:

- Initial zero setting device ($\leq 20\%$ of Max).
- Semi-automatic zero setting device ($\leq 4\%$ of Max).
- Zero-tracking device.
- Zero indicator.
- Semi-automatic subtractive tare balancing device.
- Net indicator.
- Hold facility.
- Hold indicator.

Technical data:

The instrument may be powered from 2 x 1.5 V internal batteries or from a 12 V DC 300 mA, mains adaptor. Any compatible CE-marked mains adaptor may be used. The weight indication will be replaced with 'lo bAt' when the battery voltage falls below 2.1 V DC, or when the mains adaptor voltage falls below 4.4 V DC.

Interfaces:

The instrument is fitted with the following input port.

- DC voltage input

Seals:

The instrument is sealed by placing a destructible label over one of the screws in the base plate which prevents opening of the housing. Access to the service button that allows calibration is also prevented by placing a destructible label over the access hole.

Software identification:

The software is designated V1.00, this information is displayed when the Hold button is pressed for more than 8 seconds, then the display shows the software version number.

Load cell:

The load cells are based on Flintec planar beam PB7.5 kg. These are configured to enable use with the scales electronics which utilises the Acam Picostrain measuring principle.

Certificate History

| Issue №. | Date | Description |
|--------------------|---------------|----------------------------|
| R76/1992-GB1-13.03 | 26 April 2013 | Type approval first issued |
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