



National  
Measurement &  
Regulation Office



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

OIML Certificate No  
R76/2006-GB1-14.04  
Revision 1

## OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement and Regulation Office**  
Person responsible: **Paul Dixon – Director, Certification Services**  
Applicant: **Stryker Medical London  
1020 Adelaide Street South  
London, Ontario  
N6E 1R6  
Canada**  
Manufacturer: **The applicant**

Identification of the  
certified pattern: **Spirit Select**

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 2006(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.

This revision replaces previous versions of the certificate.

Issue Date: **07 October 2015**  
Reference No: **TS1201/0087**

**G Stones**  
**Technical Manager - Certification Services**



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The NMRO is an Executive Agency of the Department for Business Innovation and Skills

The conformity was established by tests described in the associated pattern evaluation report P01241 which includes 13 pages.

**Characteristics of the instrument:**

The Stryker Medical London instrument, designated the Spirit Select, is a hospital bed incorporating a Class III, mains operated, self-indicating, non-automatic weighing instrument.

Main features:

- Main frame supported by four load cells located in the corners
- Main frame fitted on four wheels, with adjustable height
- Mattress deck with articulated head/knee/foot sections
- Footboard with user interface: operator keypad and LCD display
- Head board, side rails with operator keypads

Devices:

- Combined zero setting and tare balancing
- "Change equipment" function
- Zero indicator
- Net indicator
- Weighing window interlocks
- Sleep mode
- "Extended indication": 0.01 kg resolution on command or for up to 5 s

Technical data:

Accuracy class	III
Maximum capacity, Max	250 kg
Minimum capacity, Min	10 kg
Verification scale interval, e =	0.5 kg
Maximum tare, T =	- Max
Power supply	230 VAC, 50 / 60 Hz
Operating temperature range	+5 °C to + 35 °C

Load cell:

The instrument is fitted with 4 load cells located in the corners.

The load cells are HBM load cells type K-SBSC3/500USAX-1,  $E_{max} = 500 \text{ lb.}$

Interfaces:

- 37-pin patient station
- ¼" Nurse Call
- Ethernet
- USB (for download of non-legally relevant software only)

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Software:

The legally relevant part of the software is designated the Scale Module, the non-legally relevant parts are designated the Master Controller CB10/CB11, Motor Controller CB09 and Footboard Staff Control.

The Scale Module identification can be displayed via the Service menu, and shall be as follows: SCALE VER v1.5

Sealing:

Access to the load cells connection and scale board is prevented by sealing the “scale box” located under the bed. The Scale box is secured by tamper-evident labels, bearing the manufacturer’s name/mark.

**Certificate History**

<b>ISSUE NO.</b>	<b>DATE</b>	<b>DESCRIPTION</b>
R76/2006-GB1-14.04	10 March 2014	Certificate first issued
R76/2006-GB1-14.04 Rev 1	07 October 2015	Manufacturer’s name changed from CHG Hospital Beds Inc.