



Member State  
Denmark

OIML Certificate N°  
**R60/1991-DK-97.04**  
Revision 1

## OIML CERTIFICATE OF CONFORMITY

**Issuing authority**

Name:

**Danish Agency for Development of Trade  
and Industry**

Address:

Tagensvej 137  
DK-2200 Copenhagen N  
Denmark

Person responsible:

P. Claudi Johansen

**Applicant**

Name:

**Cardinal Scale Manufacturing Co.**

Address:

203 East Daugherty St.  
Webb City, Missouri 64870  
U.S.A.

**Manufacturer**

of the certified pattern:

**Cardinal Scale Manufacturing Co.**

**Identification**

of the certified pattern:

**Compression load cell type SCA.**  
Further characteristics are set out on 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):

**R60**  
**edition 1991 (E)**  
**for accuracy class C**

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(s).

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

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The conformity was established by tests described in the associated test reports N° 01-C93001 dated 1992-12-17 and N° 01-C97686 dated 1997-09-19.

**The issuing authority**

Danish Agency for Development  
of Trade and Industry

Date: 29 APR. 1998

**The CIML member**

  
P. Claudi Johansen

Date: 29 APR. 1998

**Characteristics:**

|   |           |                       |                        |                        |
|---|-----------|-----------------------|------------------------|------------------------|
| Accuracy class                          |           | C                     |                        |                        |
| Maximum number of load cell intervals   | $n_{max}$ | 3000                  |                        |                        |
| Model / type                            |           | 50K-SCA               | 100K-SCA               | 120K-SCA               |
| Rated capacities                        | $E_{max}$ | 50000 lbs<br>22680 kg | 100000 lbs<br>45360 kg | 120000 lbs<br>54430 kg |
| Minimum load cell verification interval | $v_{min}$ | 0.01 % of $E_{max}$   |                        |                        |
| Minimum dead load output return         | MDLOR     | 0.016 % of $E_{max}$  |                        |                        |
| Safe load limit                         |           | 150 % of $E_{max}$    |                        |                        |

**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.