

Member State  
Denmark

**OIML Certificate N°**  
**R76/1992-DK1-01.02 Revision 2**

## **OIML CERTIFICATE OF CONFORMITY**

### **Issuing authority**

Name: **The Danish Accreditation and Metrology Fund**  
Address: Dyregårdsvej 5B  
2740 Skovlunde  
Denmark

Person responsible: P. Claudi Johansen

### **Applicant**

Name: **Cardinal Scale Manufacturing Company**  
Address: 203 East Daugherty  
P.O. Box 151  
Webb City, MO 64870  
USA

### **Manufacturer**

of the certified pattern: **Cardinal Scale Manufacturing Company**

### **Identification**

of the certified pattern: **Non-automatic weighing instrument**  
**Type: 200, 205, 210, 210-FE, 215, or 220**  
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):

**R76**  
**edition 1992, including amendment 1 (1994)**  
**for accuracy class III and IIII**

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.

Page 1. This certificate includes 2 pages

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The conformity was established by tests described in the associated test report from DELTA, DK, no. DANAK-195782 that includes 10 pages and 2 annexes (55 pages and 9 pages), no. DANAK-199807 that includes 36 pages, and no. DANAK-1910079 that includes 22 pages.

## The issuing authority

The Danish Accreditation and Metrology Fund

Date: 14. MAR 2008

## The OIML member

P. Claudi Johansen

Date: 14. MAR 2008



## Characteristics

Accuracy class		III
Weighing range		Single-interval or multi-interval (model 220)
Number of intervals	Max / e	≤ 10,000 (class III)
Minimum input voltage	$\Delta U_{\min}$	0.7 $\mu$ V per verification scale interval
Measuring range	Min. / Max.	1 mV / 40 mV
Excitation voltage	$U_{\text{exc}}$	12 VDC 8 VDC for model 215 operated on battery
Load cell impedance	Min. / Max.	44 ohm / 1,000 ohm 25 ohm / 1,000 ohm (model 220)
Load cell connecting system		6 wire system, screened
Module fractional factor	$p_i$	0.5 for the indicator
Interface		Protective, according to paragraph 5.3.6
Connected load cells		Shall comply with R60
Temperature range for the indicator		-10 °C / +40 °C

### 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.