

Member State  
Denmark

**OIML Certificate N°  
R76/1992-DK1-07.01**

## 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: 180EU**  
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

# OIML Certificate N° R76/1992-DK1-07.01

The conformity was established by tests described in the associated test report from DELTA, DK, no. DANAK-199826 that consist of 76 pages including 2 annexes.

**The issuing authority**


The Danish Accreditation and Metrology Fund

Date: 12. MAR 2007

**The CIML member**

P. Claudi Johansen

Date: 12. MAR 2007



**Characteristics**

Accuracy class		III
Weighing range		Single-interval
Number of intervals	Max / e	≤ 5,000 (class III)
Minimum input voltage	$\Delta U_{\min}$	1.28 $\mu$ V per verification scale interval
Measuring range	Min. / Max.	-4.8 mV / 24 mV
Excitation voltage	$U_{\text{exc}}$	8 VDC
Load cell impedance	Min. / Max.	87 ohm / 1,200 ohm
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.