



Member State  
Denmark

**OIML Certificate N°  
R76/1992-DK3-11.05**

## **OIML CERTIFICATE OF CONFORMITY**

### **Issuing authority**

Name: **DELTA**  
Address: Venlighedsvej 4  
2970 Hørsholm  
Denmark

Person responsible: J. Hovgaard Jensen

### **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: 1900EU / 190DC**  
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**

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 reports from DELTA, DK, no. DANAK-199782, that includes 10 pages and 2 annexes (55 pages and 9 pages)

The issuing authority: **DELTA, OIML Issuing Authority DK3**  
03 June 2011

J. Hovgaard Jensen  
Certification Officer

### Characteristics

Accuracy class		III and IIII
Weighing range		Single-interval
Number of intervals	Max / e	$\leq 10000$
Minimum input-voltage	$\Delta U_{\min}$	0.5 $\mu$ V per verification scale interval
Measuring range	Min. / Max.	0.5 mV / 40 mV
Excitation voltage	$U_{\text{exc}}$	5.18 Vdc
Load cell impedance	Min. / Max.	58 ohm / 1100 ohm
Load cell connecting system		6 wires 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.