United Kingdom of Great Britain and Northern Ireland

OIML Certificate No R76/1992-GB1-10.06

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name: **National Weights and Measures Laboratory (Part of the National Measurement Office)**

Address: **Stanton Avenue**
Teddington
Middlesex
TW11 0JZ
United Kingdom

Person responsible: **Paul Dixon - Product Certification Manager**

Applicant

Name: **CAS Corporation**

Address: **19 Ganap-Ri**
Gwangjuk-Myoun
Yangji-Si
Gyeonggi-Do 482-841
Republic of Korea

Manufacturer of the certified pattern is the Applicant, or the following companies:

Shanghai CAS Electronics Co., Ltd,
Maixinroad 448, Xinqiaozhen, Songjiangqu,
Shanghai, China

CAS Elektronik San. Tic. A.S.
Yukari Dudulu, Bostanci Cad. Mevdudi Sokak No: 34
Umraniye-Istanbul / Turkey

Identification of the certified pattern:

CI-200 Series, non-automatic weighing instrument

Further characteristics see 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):

OIML:	**R76**
Edition:	**1992 (E)**
Accuracy class:	**III**

OIML Certificate No
R76/1992-GB1-10.06

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.

The conformity was established by tests described in the associated:

NWML Test reports:	TR 572	having 39 pages
	SN 1135	having 13 pages
	SN 1136	having 10 pages
Pattern evaluation report:	P00344	having 13 pages

The issuing authority

Mr P R Dixon

The CIML member

Mr P Mason

Date: 19 April 2010
Ref: T1129/0039

Characteristics: The instrument is a CI-200 Series, Class III, mains or battery-operated, self-indicating, single or dual-interval, non-automatic weighing instrument.

It consists of a CI-200 Series indicator connected to a weighing platform.

The CI-200 Series comprises the CI-200A, CI-201A, CI-200S and CI-200SC models

Main features:

- Plastic (CI-200A and CI-201A) or stainless steel (CI-200S and CI-200SC) enclosure
- LED (CI-200A, CI-200S and CI-200SC) or LCD (CI-201A) display
- LED indicators (CI-200A, CI-200S and CI-200SC)
- LCD indicators (CI-201A)
- Alphanumerical keypad
- Battery indicators (low, charging)

Load cell:

Any compatible load cell may be used providing the following conditions are met:

- There is a respective OIML Certificate of Conformity (R60) issued for the load cell
- The certificate contains the load cell types and the necessary load cell data required for the manufacturer's declaration of compatibility of modules and any particular installation requirements. A load cell marked NH is allowed only if humidity testing to R76 has been conducted on this load cell
- The compatibility of the load cells and indicator is established by the manufacturer by means of the compatibility of modules calculation.

Devices:

- Initial zero setting device on power up
- Semi-automatic zero setting
- Zero tracking (optional)
- Semi-automatic subtractive tare weighing
- Zero-indicator
- Indication of stable equilibrium
- Net indicator
- Gravity compensation
- Printing
- Hold function
- Counting mode (CI-201A)
- Percent mode (CI-201A)
- Totalisation (CI-201A)
- Checkweighing (CI-201A and CI-200SC)

Technical data:

Power supply	12 Vdc via mains adaptor 6 V rechargeable battery
Maximum number of scale intervals	10,000
Load cell excitation voltage	5 Vdc
Minimum load cell impedance	43.75 Ω
Maximum load cell impedance	1000 Ω
Minimum input voltage per verification scale interval	0.5 μV
Measuring range minimum voltage	0 mV
Measuring range maximum voltage	16 mV
Fraction of maximum permissible error	P_{ind} = 0.5
Operating temperature range	- 10 °C to + 40 °C
Load cell cable (from indicator to load cell junction box) - Maximum length	2 m (4-wire configuration) 22 m/mm^2 (6-wire configuration)

Interfaces: The instrument may have a number of RS232/485 ports

Certificate History

ISSUE NO.	DATE	DESCRIPTION
R76/1992-GB1-10.06	19 April 2010	Certificate first issued.
-	-	No revisions have been issued.