



NMO



Member State of OIML
United Kingdom of Great Britain
and Northern Ireland

OIML Certificate No
R76/1992-GB1-16.01

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **NMO**
Person responsible: **Max Linnemann – Head of Certification Body**
Applicant: **CAS Corporation
#262, Geurugogae-ro
Gwangjeok-myeon
Yangju-si
Gyeonggi-do
Republic of Korea**
Manufacturer: **The applicant**
Identification of the certified pattern: **CL5200-xN Series**

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 Organisation of Legal Metrology (OIML):

OIML R 76 - Edition 1992(E) 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.

Important note: Apart from the mention of the certificates 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.

Issue Date: **12 April 2016**
Reference No: **TS1201/0153**

Grégory Glas
Technical Manager
For and on behalf of the Head of Certification Body



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NMO is part of the Regulatory Delivery directorate within the Department for Business, Innovation & Skills

The conformity was established by tests described in the associated pattern evaluation report P01827 which includes 13 pages.

Characteristics of the instrument:

This family of instruments is designated the CL5200-xN Series, and comprises the CL5200-BN and CL5200-PN models. The instruments are Class III, mains-operated, self-indicating, price-computing, single or dual-interval, non-automatic weighing instruments. The instruments are designed for direct sales to the public.

Construction:

- Plastic construction
- Operator's keypad
- Stainless steel load receptor
- Front and rear LCD display
- Pole-mounted display (double-sided)
- Level indicator
- Integrated printer

Devices:

- Initial zero setting device ($\leq 20\%$ of Max)
- Semi-automatic zero setting device ($\leq 4\%$ of Max)
- Automatic zero setting device ($\leq 4\%$ of Max)
- Zero tracking device ($\leq 4\%$ of Max)
- Zero indicator
- Net indicator
- Stable weight indicator
- Semi-automatic subtractive tare weighing device
- Preset tare
- Gravity compensation
- Price-computing
- Totalisation (including non-weighed items)
- PLU
- Fixed weight labelling
- Multi-vendor operation
- Calibration / set-up mode via sealed internal switch
- Self-service operation

Interfaces:

- RS232
- PS/2
- Cash drawer
- Ethernet
- Wireless LAN
- USB
- Wi-Fi

Load cell:

The load cell is a CAS load cell, model TPN, capacities (E_{max}) as per following table.

Technical data:

Model	CL5200-BN, CL5200-PN					
Max	3/6 kg	6 kg	6/15 kg	15 kg	15/30 kg	30 kg
Min	20 g	40 g	40 g	100 g	100 g	200 g
e =	1/2 g	2 g	2/5 g	5 g	5/10 g	10 g
T ≤	-2.999 kg	-2.998 kg	-5.998 kg	-5.995 kg	-9.995 kg	-14.99 kg
E _{max}	6 kg	6 kg	15 kg	15 kg	30 kg	30 kg

Note: E_{max} in the above table refers to the actual measuring range and does not include the dead load for the instrument.

The temperature range for the instruments is -10 °C / +40 °C.

The instruments operate on a 110 to 240 Vac (50/60 Hz) mains power supply.

Software identification:

The software is designated V2.xx.x or V3.xx.x, with xx.x reflecting minor, non-legally relevant modifications. This information is displayed at power up.

Software download using the communication ports is only possible via the USB interface, and is protected by switches on the sealed main board.

Sealing measures:

Access to the load cell, electronics, calibration and software download switches is prevented by wire-and seal or tamper evident label.

Alternatives manufacturers:

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

CAS (Zhejiang) Electronics Co., Ltd
99# Changjiang Road
Jiashan County
Zhejiang Province, China

CERTIFICATE HISTORY

ISSUE NO.	DATE	DESCRIPTION
R76/1992-GB1-16.01	12 April 2016	Certificate first issued.
-	-	No revisions have been issued.