


	
OIML Member State United Kingdom of Great Britain and Northern Ireland	OIML Certificate No. R76/2006-A-GB1-18.09
OIML CERTIFICATE ISSUED UNDER SCHEME A	
OIML Issuing Authority	NMO Stanton Avenue Teddington TW11 0JZ United Kingdom
Person responsible:	Mannie Panesar – Head of Technical Services
Applicant	CAS Corporation #262, Geurugogae-ro Gwangjeok-myeon Yangju-si Gyeonggi-do Republic of Korea
Manufacturer	The applicant
Identification of the certified type	CL3000 Series <i>(the detailed characteristics are defined in the Descriptive Annex)</i>
<p>This OIML Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML type evaluation report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):</p> <p>OIML R 76-1, Edition: 2006</p> <p>For accuracy class: III</p>	
<p>Issue date: 08 November 2018</p> <p>The OIML Issuing Authority</p>  <p>Grégory Glas Technical Manager <i>For and on behalf of the Head of Technical Services</i></p>	

This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.

This OIML Certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated OIML type evaluation report:

No. P02431-2 dated 08 November 2018 that includes 16 pages

The technical documentation relating to the identified type is contained in documentation file:

No. P02431-2-D dated 08 November 2018

OIML Certificate History

Revision No.	Date	Description of the modification
Revision 0	08 November 2018	Certificate first issued.
-	-	-

No revisions have been issued.

Important note:

Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

DESCRIPTIVE ANNEX

Characteristics of the instrument:

The instrument, designated the CL3000 Series, Class III, mains-powered, self-indicating, price-computing, single or dual-interval, non-automatic weighing instrument. The instrument is designed for direct sales to the public.

Main features:

- Plastic construction
- Operator's keypad
- Stainless steel load receptor
- Front and rear LCD displays (CL3000-B)
- Pole-mounted double-sided LCD display (CL3000-P)
- Level indicator under the load receptor
- Integrated printer

Devices:

- Initial zero setting device ($\leq 20\%$ of Max)
- Automatic zero setting device ($\leq 4\%$ of Max)
- Semi-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:

- RS232C
- Cash drawer
- Ethernet
- Wireless LAN
- USB

Load cell:

The instrument is fitted with one CAS load cell, model TPN, E_{\max} as per following table.

Technical data:

The instrument operates on a 110 to 240 Vac (50/60 Hz) mains power supply.
The temperature range for the instruments is -10 °C / +40 °C.

Model	CL3000-B, CL3000-P					
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≤ (kg)	-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.

Software:

The software identification shall be V3.xx.x, with xx.x reflecting minor, non-legally relevant modifications. This information is displayed at power up.
Access to the legally relevant parameters and download of software is only possible via a calibration switch on the main board.

Sealing:

Access to the load cell, electronics and calibration switch is prevented by a tamper-evident seal on the base of the instrument.

Alternatives:

Having the instruments manufactured by the following companies:

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