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

OIML Certificate No
R76/1992-GB1-13.05

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**

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

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

Manufacturer: **The applicant**

Identification of the certified pattern: **FW500 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: **05 August 2013**
Reference No: **TS1201/0074**

Signatory: **P R Dixon**
for **Chief Executive**

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NMO is an Executive Agency of the Department for Business, Innovation & Skills

UKAS PRODUCT CERTIFICATION 0135

National Measurement Office

The conformity was established by tests and examination described in the associated pattern evaluation report P01124 which includes 13 pages.

Characteristics of the instrument:

This FW500 Series comprises the FW500-C and FW500-E models, which are dual-interval, Class III, non-automatic weighing instruments.

The instruments are self-indicating and mains or battery-powered, and may be used for direct sales to the public.

Construction:

- Plastic construction
- Front LCD (FW500-C) or LED (FW500-E) displays with keypads
- Optional rear LCD (FW500-C) or LED (FW500-E) displays
- Stainless steel load receptor
- Level indicator

Devices:

- Initial zero setting device (≤ 20% of Max)
- Semi-automatic zero setting device (≤ 4% of Max)
- Zero tracking device (≤ 4% of Max)
- Zero indicator
- Net indicator
- Stable weight indicator
- Semi-automatic subtractive tare balancing device
- Low battery indicator
- Hold function
- Gravity compensation
- Calibration / set-up mode via sealed internal switch

Load cell:

The load cell is a CAS load cell, model SW, capacities as follows.

Technical data:

Model	FW500-C6 FW500-E6	FW500-C15 FW500-E15	FW500-C30 FW500-E30
Max	3/6 kg	6/15 kg	15/30 kg
Min	20 g	40 g	100 g
e =	1/2 g	2/5 g	5/10 g
T	-2.999 kg	-5.998 kg	-14.995 kg
E_{max}	6 kg	15 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 instrument is -10 °C / +40 °C.

The instruments operate on a 12 VDC power supply via a mains adaptor. The instrument may also operate on a 6 V 3.2Ah battery.

Interfaces: None

Seals:

The calibration and setup parameters can only be accessed via the sealed switch located on the main board.

Certificate History

ISSUE NO.	DATE	DESCRIPTION
R76/1992-GB1-13.05	05 August 2013	Type approval first issued