

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

OIML Certificate No
R76/1992-GB1-09.08
Revision 4

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**
Person responsible: **Paul Dixon – Director, Product Certification**
Applicant: **Avery Weigh-Tronix
Foundry Lane
Smethwick
West Midlands B66 2LP
United Kingdom
CAS Corporation**
Manufacturer: **The applicant**
Identification of the
certified pattern: **ABW120**

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: **25 February 2015**
Reference No: **T1128/0202**



Signatory: G Stones

The conformity was established by tests described in the associated pattern evaluation report P01591 which includes 13 pages.

Characteristics of the instrument:

This instrument is a Class III, mains or battery-operated, self-indicating, single-interval, non-automatic weighing instrument, designated the AWB120. The instrument is not designed for direct sales to the public.

Main features:

- Pole-mounted LCD display with function keys and LED indicators (low battery, checkweighing)
- Indicator plastic enclosure
- Aluminium die-casting load receptor (420 x 520 mm) with stainless steel pan
- Level indicator (at the base of the pole) and adjustable feet

Devices:

- Initial zero setting device ($\leq 20\%$ of Max)
- Semi-automatic zero setting device ($\leq 4\%$ of Max)
- Zero tracking device ($\leq 4\%$ of Max)
- Zero indicator
- Net indicator
- Determination of stable equilibrium
- Stable equilibrium indicator
- Semi-automatic subtractive tare balancing device
- Checking of display
- Weight accumulation
- Printing
- Checkweighing
- Coarse filter mode to allow weighing of unstable samples

Weighing platform:

The weighing platform (type Open Frame or Closed Frame) includes a load cell type L6E3-C3, manufactured by Zemic.

Technical data:

Model	AWB120 - 60 kg	AWB120 - 150 kg	AWB120 - 300 kg
Maximum capacity (Max)	60 kg	150 kg	300 kg
Minimum capacity (Min)	400 g	1 kg	2 kg
Scale interval (e):	20 g	50 g	100 g
Number of scale intervals (n):	3000		
Maximum subtractive tare (T)	- Max		
Temperature range	-10 to +40 °C		
Power supply	9 - 12V DC via 230 VAC - 50 Hz external adaptor 6 VDC rechargeable battery		
Accuracy class	III		
Load cell	Zemic L6E3-C3		
E _{max}	100 kg	200 kg	500 kg

Interfaces:

- RS232

Sealing measures:

The weighing platform must bear the serial number indicated on the rating plate located on the indicator, the plate is secured, either by sealing or by being of a form such that it is destroyed when removed.

The calibration mode is password-protected, and a non-editable counter designated “CALxxx” increments every time a calibration parameter is changed. A similar counter, designated “OPTxxx” is incremented whenever a metrological parameter is changed. Both counters are displayed at power-up, and must be written on a tamper-evident label on or near the rating plate.

Certificate History:

ISSUE NO.	DATE	DESCRIPTION
R76/1992-GB1-09.08	24 June 2009	Certificate first issued.
R76/1992-GB1-09.08 Revision 1	04 August 2009	Addition of Test Report DANAK-1910388.
R76/1992-GB1-09.08 Revision 2	30 April 2010	Addition of alternative designation.
R76/1992-GB1-09.08 Revision 3	16 November 2010	Modification to power supply.
R76/1992-GB1-09.08 Revision 4	25 February 2015	Applicant’s name changed on the front page from Avery Weigh-Tronix Ltd. “Instrument is not designed for direct sales to the public” added. Weighing platform, Interfaces and Sealing measures sections added. Evaluation report P00186 replaced by P01591 (Test report 00301 added).