



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

**OIML Certificate No
R76/1992-GB1-09.08
Revision 1**

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: **Avery Weigh-Tronix Ltd**
Address: **Foundry Lane
Smethwick
West Midlands B66 2LP
United Kingdom**

Identification of the certified pattern:

**Non-automatic weighing instrument designated the AWB120
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

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.

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This certificate does not bestow any form of legal international approval.

The conformity was established by tests described in the associated:

Test reports: DANAK-1910388	having 26 pages
NMi 709226	having 44 pages
AWTX 00213	having 8 pages
AWTX 00214	having 8 pages
Pattern evaluation checklist: P00186	having 12 pages

This revision replaces previous versions of the certificate.

The issuing authority



Mr P R Dixon

The CIML member



Mr P Mason

Date: 04 August 2009
Ref: T1138/0016

Characteristics: This instrument is a Class III, mains or battery-operated, self-indicating, single-interval, non-automatic weighing instrument, designated the AWB120

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

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Load cell: The load cell type L6E is 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	230 V AC - 50 Hz via external 9 V DC adaptor 6 V DC rechargeable battery		
Accuracy class	III		
Load cell	Zemic L6E3-C3		
Emax	100 kg	200 kg	500 kg

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 2009	Addition of Test Report DANAK-1910388.

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