



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

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

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: 709226 having 44 pages
 00213 having 8 pages
 00214 having 8 pages
Pattern evaluation checklist: P00186 having 12 pages

The issuing authority



Mr P R Dixon

The CIML member



Mr P Mason

Date: 27 April 2009
Ref: T1128/0202

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) (Figure 2)
- Indicator plastic enclosure
- Aluminium die-casting load receptor (420x520 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 VAC - 50 Hz via external 9V DC adaptor 6 VDC rechargeable battery		
Accuracy class	III		
Load cell	Zemic L6E3-C3		
E _{max}	100 kg	200 kg	500 kg

Important note: Apart from the mention of the certificate's 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.