



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

OIML Certificate No
R76 1992-GB1-07.02

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name: **National Weights and Measures Laboratory**
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:

Avery Weigh-Tronix G236 NAWI
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.

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

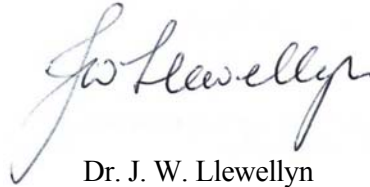
The conformity was established by tests described in the associated test report NWML SN:1005 having 42 pages, test report NWML TR:0522 having 42 pages and associated pattern evaluation checklist F20230 which includes 12 pages.

The issuing authority



Mr. P. R. Dixon

The CIML member



Dr. J. W. Llewellyn

Date: 31 August 2007

Ref: T1138/0005

Characteristics:

The Avery Weigh-Tronix G236 is a Class III non-automatic weighing instrument. It may also have any compatible remote platform connected.

G236 non-automatic weighing instrument

Maximum capacity	$5 \text{ kg} \leq \text{Max} \leq 50 \text{ kg}$
Number of scale intervals	≤ 10000 for Class III instruments with single interval
	≤ 6000 for Class III instruments with multi-interval, with a maximum of two partial weighing ranges
Verification scale interval	$e \geq 0.5 \text{ g}$
Operating temperature range	+ 5 °C to + 40 °C
Power supply	6.7 to 24 V dc
Load cell	Avery Weigh-Tronix T750

G236 remote platform indicator

Maximum number of scale intervals	6000 single interval. 3000 per partial weighing range, with a maximum of three partial weighing ranges.
Load cell excitation voltage	10 Vdc
Minimum load cell impedance	87.5 Ω
Maximum load cell impedance	1200 Ω
Minimum input voltage per verification scale interval	0.467 $\mu\text{V} / \text{VSI}$
Measuring range minimum voltage	6 mV
Measuring range maximum voltage	50 mV
Operating temperature range	+ 5 °C to + 40 °C
Fraction of maximum permissible error	$P_{\text{ind}} = 0.5$
Load cell cable (junction box to indicator)	6 core with braided outer screen. 0.5 mm ² per core, flexible PVC overall jacket. Maximum length = 100 m

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