



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

**OIML Certificate No
R60/2000-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: **Gavin Stones – Deputy Product Certification Manager**

Applicant

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

Manufacturer of the certified pattern is:

The applicant

Identification of the certified pattern:

**Digital high tension alloy steel load cell
Further characteristics see page 2.**

Model Designation	T208
Maximum capacity, E_{\max} (kg)	8000
Accuracy class	C1
Maximum number of load cell intervals, n_{\max}	1000
Minimum verification interval, V_{\min}	$E_{\max} / 1600$
Apportionment factor; p_{LC}	1.0

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):

R 60 Metrological regulation for load cells Edition: 2000 (E) for accuracy class : C1

OIML Certificate No R60/2000-GB1-09.08

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 reports: TR: 0564 having 30 pages and TR: 0566 having 6 pages.

Issuing authority

CIML member




Mr G Stones
for NWML

Mr P Mason

Date: 02 December 2009

Ref: T1128/0218

Essential technical data

<i>Model designation</i>	<i>Designation</i>	<i>Value</i>	<i>Units</i>
Classification		C1	
Additional marking		-	
Maximum number of load cell verification intervals	n_{LC}	1000	
Maximum capacity	E_{max}	8000	kg
Minimum dead load, relative	E_{min}/E_{max}	0	kg
Relative V_{min} (ratio to minimum LC verification interval)	$Y = E_{max}/V_{min}$	1600	
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	n/a	
Rated output		n/a	mV/V
Maximum excitation voltage		+5	V (DC)
Input impedance (for strain gauge LCs)	R_{LC}	n/a	Ω
Temperature rating		-10/+40	$^{\circ}C$
Safe overload, relative	E_{lim}/E_{max}	150	% F.S
Cable length (maximum)		50	m
Additional characteristics		-	

Certificate History

ISSUE NO.	DATE	DESCRIPTION
R60/2000-GB1-09.08	02 December 2009	Type approval first issued
-	-	-

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.