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

OIML Certificate No
R60/2000-GB1-04.03
Revision 1

OIML CERTIFICATE OF CONFORMITY

Issuing authority
Name: **National Weights and Measures Laboratory**
Address: **Stanton Avenue, Teddington**
Middlesex, TW11 0JZ
United Kingdom

Person responsible: **P R Dixon**
Business Team Manager – Type Approval & Testing

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:

Stainless steel strain gauge compression load cell

Model Designation	T302i
Maximum capacity, E_{max}	22680 kg, 45359 kg
Minimum verification interval, V_{min}	1.6 kg, 3.2 kg
Accuracy class	C
Maximum number of load cell intervals, n_{max}	5000
Apportionment factor; p_{LC}	0.7

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 :** C3

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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.

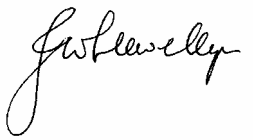
This certificate does not bestow any form of legal international approval.

The conformity was established by tests described in the associated test reports: AWTX02556 which includes 18 pages and AWTX02670 which includes 18 pages.

The issuing authority

Mr P Dixon
for NWML

CIML member



Dr J W Llewellyn

Date 26 August 2005

Table 1: Essential technical data

Model designation	*Designation*	*Value*		*Units*
Classification		C3	C5	
Additional marking		-		
Maximum number of load cell verification intervals	n_{LC}	3000	5000	
Maximum capacity	E_{max}	22680, 45359		kg
Minimum dead load, relative	E_{min}/E_{max}	0		%
Relative V_{min} (ratio to minimum LC verification interval)	$Y = E_{max}/V_{min}$	14175		
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	3963	3937	
Rated output		1.75 (nominal)		mV/V
Maximum excitation voltage		20		V dc
Input impedance (for strain gauge LCs)	R_{LC}	560 - 620		Ω
Temperature rating		- 10 / + 40		°C
Safe overload, relative	E_{lim}/E_{max}	150		%
Additional characteristics		4 wire + screen (25 and 40 m)		

This Revision replaces earlier versions of the certificate.

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.