



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

OIML Certificate No
R60/2000-GB1-08.08

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: **PULS ELEKTRONIK SISTEMLERI MAK.SAN. IC VE
DIS TIC. LTD. STI.**
Address: **Adnan Kahveci Cad.Kos.Koop.San.Sit. 2.yol no:9
Hadımköy
Ömerli
Istanbul
Turkey**

Manufacturer of the certified pattern is:

The applicant

Identification of the certified pattern:

Steel compression load cell

Model Designation	ST-2W
Maximum capacity, E_{\max}	10,000 and 20,000 kg
Accuracy class	C4
Maximum number of load cell intervals, n_{\max}	4,000
Minimum verification interval, V_{\min}	$E_{\max} / 10,000$
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 : C4

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 N° 03018TR (issued by Avery Weigh-Tronix) having 18 pages. Analysis of the test results confirmed that the number of load cell verification intervals and the value of Y specified below could be achieved.

Issuing authority



Mr P Dixon
for NWML

CIML member



Mr P Mason

Date 02 September 2008

Ref: T1136/0026

Table 1: Essential technical data

<i>Model designation</i>	<i>Designation</i>	<i>Value</i>	<i>Units</i>
Classification		C4	
Additional marking		CH	
Maximum number of load cell verification intervals	n_{LC}	4,000	
Maximum capacity	E_{max}	10,000 and 20,000	kg
Minimum dead load, relative	E_{min}/E_{max}	0	kg
Relative V_{min} (ratio to minimum LC verification interval)	$Y = E_{max}/V_{min}$	10,000	
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	8,561	
Rated output		2	mV/V
Maximum excitation voltage		15	V dc
Input impedance (for strain gauge LCs)	R_{LC}	380 ± 20	Ω
Temperature rating		-10/+40	$^{\circ}C$
Safe overload, relative	E_{lim}/E_{max}	150	% F.S
Cable length		15	m
Additional characteristics		4- wire (plus shield)	

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.