



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

OIML Certificate No  
R60/2000-GB1-05.07

## 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**  
**Business Team Manager - Type Approval & Testing.**

Applicant

Name: **Weightron Bilanciai Ltd**  
**Titan Works**  
**Bridge Way off Broombank Road**  
**Chesterfield Trading Estate**  
**Chesterfield**  
**S41 9QJ**  
**United Kingdom**

Manufacturer of the certified pattern is:

**The applicant**

Identification of the certified pattern:

**Stainless steel, compression strain gauge load cell**

Model Designation	EUROCELL, CPR				
Maximum capacity, $E_{\max}$ (kg)	50000				
Accuracy class	C				
Maximum number of load cell intervals, $n_{\max}$	1000	2000	3000	3000M	4000
Minimum verification interval, $V_{\min}$ (t)	$E_{\max}/5000$	$E_{\max}/7000$	$E_{\max}/12000$	$E_{\max}/18000$	
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 : C**

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.

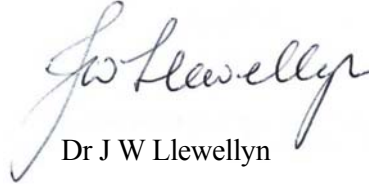
The conformity was established by tests described in the associated test report: 971124 which includes 24 pages.

Issuing authority

CIML member



Mr P R Dixon  
for NWML



Dr J W Llewellyn

Date 26 August 2005  
Ref: T1136/0004

**Table 1: Essential technical data**

Model designation	Designation	Value					Units
		C1	C2	C3	C3M	C4	
Classification							
Additional marking		-					
Maximum number of load cell verification intervals	$n_{LC}$	1000	2000	3000	3000	4000	
Maximum capacity	$E_{max}$	50					kg
Minimum dead load, relative	$E_{min}/E_{max}$	-					%
Relative $V_{min}$ (ratio to minimum LC verification interval)	$Y = E_{max}/V_{min}$	5000	7000	1200	18000	18000	
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	-	-	-	8000	-	
Rated output		2					mV/V
Maximum excitation voltage		18					V dc
Input impedance (for strain gauge LCs)	$R_{LC}$	700 $\pm$ 5 $\Omega$					$\Omega$
Temperature rating		-10/+40					$^{\circ}$ C
Safe overload, relative	$E_{lim}/E_{max}$	150					%
Cable length		18					m
Additional characteristics		6 wire (0.5 mm <sup>2</sup> ) + double shield Class C3M is suitable for multi interval instruments					

*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.