



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

OIML Certificate No  
R60/2000-GB1-08.02

## 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: **Gicam S.N.C Di Carrara Danilo & Co**  
Address: **L.go C. Battisti, 9  
P.zza XI Febbraio, 2  
22015 Gravedona (CO)  
Italy**

Manufacturer of the certified pattern is:

**The applicant**

Identification of the certified pattern:

**Tool steel double ended beam strain gauge load cell**

Model Designation	DT-3			
Maximum capacity, $E_{\max}$	20000	25000	30000	35000
Accuracy class	C3			
Maximum number of load cell intervals, $n_{\max}$	3000			
Minimum verification interval, $V_{\min}$	$E_{\max} / 8571$			
Apportionment factor; $p_{LC}$	0.70			

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**

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° 1997-5.1-297 having 22 pages (issued by CEM)

Issuing authority



Mr P Dixon  
for NWML

CIML member



Mr P Mason

Date 14 March 2008

Ref: T1136/0028

**Table 1: Essential technical data**

<i>Model designation</i>	<i>Designation</i>	<i>Value</i>	<i>Units</i>
Classification		C3	
Additional marking		-	
Maximum number of load cell verification intervals	$n_{LC}$	3000	
Maximum capacity	$E_{max}$	20000, 25000, 30000, 35000	kg
Minimum dead load, relative	$E_{min}/E_{max}$	0	kg
Relative $V_{min}$ (ratio to minimum LC verification interval)	$Y = E_{max}/V_{min}$	8571	
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	-	
Rated output		$2 \pm 10 \%$	mV/V
Maximum excitation voltage		18	V dc
Input impedance (for strain gauge LCs)	$R_{LC}$	$767 \pm 3 \%$	$\Omega$
Temperature rating		-10/+40	$^{\circ}C$
Safe overload, relative	$E_{lim}/E_{max}$	125	% F.S
Cable length		3.5	m
Additional characteristics		6-wire (plus screen)	

*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.