



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

OIML Certificate No
R60/2000-GB1-08.03

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 bending beam strain gauge load cell

Model Designation	TA-7				
Maximum capacity, E_{\max}	50	75	100	150	200
Accuracy class	C3				
Maximum number of load cell intervals, n_{\max}	3000				
Minimum verification interval, V_{\min}	$E_{\max} / 9500$				
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° CEM-IYO-03/0325-5.1 having 18 pages (issued by CEM)

Issuing authority

CIML member




Mr P Dixon
for NWML

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}	50, 75, 100, 150, 200	kg
Minimum dead load, relative	E_{min}/E_{max}	0	kg
Relative V_{min} (ratio to minimum LC verification interval)	$Y = E_{max}/V_{min}$	9500	
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	-	
Rated output		2	mV/V
Maximum excitation voltage		18	V dc
Input impedance (for strain gauge LCs)	R_{LC}	$386 \pm 2 \%$	Ω
Temperature rating		-10/+40	$^{\circ}C$
Safe overload, relative	E_{lim}/E_{max}	125	% F.S
Cable length		4	m
Additional characteristics		6-wire (plus screen)	

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