



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

**OIML Certificate No
R76/1992-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: **Societa' Cooperativa Bilanciai r.l.**
Address: **Via S. Ferrari 16
41011 Campogalliano
Modena
Italy**

Manufacturer of the certified pattern is the Applicant.

Identification of the certified pattern:

**Non-automatic weighing instrument comprising the D70b
weight indicator connected to a load receptor.
Further characteristics see page 2**

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 Organization of Legal Metrology (OIML):

OIML:	R76
Edition:	1992 (E)
Accuracy class:	III, IIII

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.

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The conformity was established by tests described in the associated:

Test reports: SN: 1044 having 14 pages (NWML)
SN: 03-2004 having 32 pages (SIT)
Pattern evaluation checklist: F20350 having 12 pages

The issuing authority

The CIML member



Mr P R Dixon

Mr P Mason

Date: 06 March 2008
Ref: T1138/0002

Characteristics: This instrument is a Class III or IIII, mains-powered, self-indicating, non-automatic weighing instrument. It comprises the weight indicator designated the D70b connected to a load receptor.

Main features:

- 7-segment LCD display
- Operator's keypad
- Serial ports for connection of peripherals
- Plastic casing

Devices:

- Initial zero setting device on power up
- Semi-automatic zero setting
- Zero tracking
- Semi-automatic subtractive tare weighing
- Zero-indicator
- Indication of stable equilibrium
- Net indicator

Load cell:

- Any compatible load cell as described in section 3.3 of Certificate I 04-019.

Peripherals:

- Any compatible peripheral as described in section 6 of Certificate I 04-019.

Metrological characteristics:

- $n \leq 6,000$ for instruments in precision class III with single weighing range
- $n \leq 4,000$ for instruments in precision class III with multiple weighing ranges (ME versions) or multiple interval (MD versions)
- $n \leq 1,000$ for instruments in precision class III

Technical data:

Power supply	12 Vdc
Maximum number of scale intervals	6,000
Load cell excitation voltage	10 Vdc
Minimum load cell impedance	29 Ω
Maximum load cell impedance	1200 Ω
Minimum input voltage per verification scale interval	1.0 μV
Fraction of maximum permissible error	$P_{\text{ind}} = 0.5$
Operating temperature range	- 10 °C to + 40 °C
Load cell cable (from One-Module to load cell junction box)	6 screened conductors max length = 2000m/mm ²

Important note: Apart from the mention of the certificate's 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.