

**OIML Member State**  
The Netherlands

Number R76/2006-NL1-16.12  
Project number 15200666  
Page 1 of 3

Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	Dibal S.A. Astinze Kalea, 24-Pol. Ind. Neinver 48160 Derio (Bilbao-Vizcaya) Spain
Identification of the certified type	<b>A Non-automatic weighing instrument</b> Type : CBS-1000 / CS-1000
Characteristics	See next page

This Certificate attests the conformity of the above identified Type (represented by the sample(s) identified in the OIML Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

**OIML R 76** - Edition 2006 for accuracy class **III**

This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation above-identified. This Certificate does not bestow any form of legal international approval.

*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 and of the associated OIML Test Report(s) is not permitted, although either may be reproduced in full.

Issuing Authority **NMi Certin B.V., OIML Issuing Authority NL1**  
16 February 2016



C. Oosterman  
Head Certification Board

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This document is issued under the provision that no liability is accepted and that the applicant shall indemnify third-party liability.

The notification of NMi Certin B.V. as Issuing Authority can be verified at [www.oiml.org](http://www.oiml.org)

Parties concerned can lodge objection against this decision, within six weeks after the date of submission, to the general manager of NMI (see [www.nmi.nl](http://www.nmi.nl)).



The conformity was established by the results of tests and examinations provided in the associated OIML Test Report(s):

- No. NMI-15200666-01 dated 2 February 2016 that includes 33 pages;
- No. NMI-15200666-02 dated 2 February 2016 that includes 27 pages.

**Characteristics of the non-automatic weighing instrument:**

Accuracy class	OIML R 76	Ⓜ	
Weighing range(s)		Single interval Multi-interval Multiple range	
Maximum number of scale intervals (one weighing range)		$n \leq 6000$ divisions	
Maximum number of scale intervals (multi-interval)		$n \leq 3000$ divisions (per partial weighing range)	
Maximum number of partial weighing ranges		2	
Maximum number of scale intervals (multiple range)		$n \leq 3000$ divisions (per weighing range)	
Maximum number of weighing ranges		2	
Load cell excitation voltage		5 V DC	
Minimum input voltage per verification scale interval		1 $\mu$ V	
Minimum load cell resistance		300 $\Omega$	
Maximum load cell resistance		500 $\Omega$	
Fraction of the maximum permissible error		0,5	
Load cell connection		4-wire	
Maximum value of the cable length per cross wire section between the indicator and the junction box or load cells		The load cell is connected directly without junction box	
Temperature range		0 °C / +40 °C	
Power supply voltage		230 V AC 50/60 Hz	
Application		Intended to be used for direct sales to the public Intended to be used for the making-up of prepackages	
Software identification		Firmware AD board (SW00.01): version 101	PC software (SW03/SW04/SW05): version 210-Q; checksum B389AFBD



# OIML Certificate of Conformity

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Page 3 of 3

- + Any load cell(s) may be used under this OIML certificate, provided the following conditions are met:
  - There is an OIML Certificate of Conformity (R 60) issued for the load cell by an issuing authority.
  - The certificate contains the load cell types and the necessary load cell data required for the compatibility checking of modules (OIML R 76 Annex F), and any particular installation requirements. A load cell marked **NH** is allowed only if humidity testing to OIML R 76 has been conducted on this load cell.
  - The compatibility of load cells and indicator is established by the manufacturer by means of the compatibility of modules form, contained in OIML R 76 Annex F, at the time of putting into use.