



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

OIML Certificate No
R51/2006-GB1-09.07

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name: **National Weights and Measures Laboratory
(Part of the National Measurement Office)**
Address: **Stanton Avenue
Teddington
Middlesex
TW11 0JZ
United Kingdom**

Person responsible: **Paul Dixon - Product Certification Manager**

Applicant

Name: **Società Cooperativa Bilanciai a.r.l.**
Address: **Via S. Ferrari No 16
41011 Campogalliano
Modena
Italy**

Manufacturer of the certified pattern is the Applicant.

Identification of the certified pattern:

**Venus 300 checkweigher / weight or weight-price labeller
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:	R51
Edition:	2006 (E)
Accuracy class:	XIII(1) and/or Y(a)

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: TR 557 having 39 pages
TR 558 having 12 pages
TR 559 having 12 pages
Pattern evaluation checklist: P00247 having 11 pages

The issuing authority



Mr P R Dixon

The CIML member



Mr P Mason

Date: 05 October 2009

Ref: T1108/0056

Characteristics: Mains-powered automatic checkweighing / catchweighing instrument designated the Venus 300.

Model	Venus 300 "3-6"	Venus 300 "3"	Venus 300 "6"	Venus 300 "12"	Venus 300 "15"	Venus 300 "40"
Max capacity: (Max)	≤ 3/6 kg Dual-interval	≤ 3 kg	≤ 6 kg	≤ 12 kg	≤ 15 kg	≤ 40 kg
Min capacity, cat Y: (Min)	20 g	20 g	40 g	40 g	100 g	200 g
cat X:	50 g	50 g	100 g	100 g	250 g	500 g
Scale interval (e):	1/2 g	1 g	1 g	2 g	5 g	10 g
Max number of scale intervals (n):	≤ 2x3000	≤ 3000	≤ 6000	≤ 6000	≤ 3000	≤ 4000
Tare (T): Cat X and Y	- 2000e (single interval) -2000e ₁ (dual interval)					
Climatic environment	0 to +40 °C / Closed, non-condensing					
Power supply	240 V a.c. 50 Hz					
Accuracy class	XIII(1) and Y(a)					

Conveyors' speed is limited to 70 m/min for loads up to 6 kg, and 60 m/min for greater loads.

Load cell:

The load cell may be one of the following:

	Venus 300 "3-6" E_{max} (kg)	Venus 300 "3" E_{max} (kg)		Venus 300 "6" E_{max} (kg)		Venus 300 "12" E_{max} (kg)		Venus 300 "15" E_{max} (kg)		Venus 300 "40" E_{max} (kg)	
HBM PW22 C3 $V_{min} \geq 10000$	20	10	20	20	30	20	30	/		/	
Tedea 1042 C3-C6 $V_{min} = 10000$	20	10	20	20	30	20	30	100	75	150	100
				15	/			50	/	75	/
Scaime AB C5 $V_{min} = 10000$	/	/	/	/	/	/	/	90	65	185	130
										90	65

Any compatible load cell(s) may be used providing the following conditions are met:

- There is a respective OIML Certificate of Conformity (R60) issued for the load cell.
- The certificate contains the load cell types and the necessary load cell data required for the manufacturer's declaration of compatibility of modules and any particular installation requirements. A load cell marked NH is allowed only if humidity testing to R76 has been conducted on this load cell.
- It is not a load cell with digital output
- The characteristics of the replacement load cell such as nlc, Y, Z are the same or better than the load cell tested dynamically (HBM PW22 C3, capacity 20 kg)
- The design of the load cells and the material are the same
- No oil damper is used

Devices:

- Automatic zero setting device active during automatic operation (at least every 17 min)
- Semi-automatic zero-setting ($\leq 4\%$ max)
- Initial zero-setting ($\leq 20\%$ max)
- Pre-set tare device (subtractive)
- Static calibration, not accessible to the user
- Belt speed setting, accessible to the user (access password protected level 1)
- Internal memory for storage of batch data (category X)
- Device acting upon significant faults
- Screen check at power-up
- High resolution mode (0.1e) for testing purposes, not accessible to the user
- Operation under Category X or Y selection device, accessible to the user*

* one mode of operation may be disabled at initial verification

Interfaces:

- RS 232/RS485
- Parallel port
- Ethernet
- Analogue
- keyboard

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.