



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

OIML Certificate No
R51/2006-GB1-09.05
Revision 1

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: **Prisma Industriale S.R.L.**
Address: **Via la Bionda, 17
I-43036 Fidenza (PR)
Italy**

Manufacturer of the certified pattern is the Applicant.

Identification of the certified pattern:

**D3 family of checkweighers
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)

This revision replaces previous versions of this certificate.

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 reports:	TR 536	having 28 pages (NWML)
	C09027302	having 21 pages (CMC)
Pattern evaluation checklist:	G20163	having 11 pages

The issuing authority



Mr P R Dixon

The CIML member



Mr P Mason

Date: 02 February 2011

Ref: T1108/0058

Characteristics: Mains-powered family of automatic checkweighing instruments designated the D3

Technical data:

Model	08D3	09D3	10D3
Maximum capacity:	1600 g	3200 g	8000 g
Minimum capacity (Min):	100 g	200 g	500 g
Scale interval (e =):	1 g	2 g	5 g
Maximum number of scale intervals:	1600		
Load cells E_{max}	5 kg	10 kg	10 kg
Maximum belt speed:	75 m/min		
Tare:	T ≤ - Max		
Climatic environment	5°C to +40 °C		
	Non-condensing (closed)		
Power supply	230 V.a.c. 50 Hz		
Accuracy class	XIII(1)		

Load cell:

The weighing device comprises two strain gauge load cells located below the centre of the weigh conveyor. The load cells type may be as follows: Teda Huntleigh 1042 C3, capacity according to technical data table.

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 (Teda Huntleigh 1042 C3, capacity 5 kg)
- The design of the load cells and the material are the same
- No oil damper is used

Devices:

- Semi-automatic zero-setting (not accessible to the user, calibration mode only)
- Initial zero-setting
- Zero-tracking
- Automatic zero setting device active during automatic operation (at least every 5 min)
- Pre-set tare device (subtractive)
- Static calibration not accessible to the user
- Dynamic calibration (not accessible to the user), or dynamic setting functionality (recorded and available to the user)
- Belt speed setting (accessible to the user)
- Internal memory for storage of batch reports
- Device that acts upon significant faults
- Screen check at power-up

Interfaces:

- RS 232
- USB (only for data collection on memory stick)

Certificate History

ISSUE NO.	DATE	DESCRIPTION
R51/2006-GB1-09.05	17 November 2009	Certificate first issued.
R51/2006-GB1-09.05 revision 1	02 February 2011	Dynamic setting functionality added to the certificate.

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