

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

OIML Certificate No
R51/2006-GB1-09.05
Revision 3

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**
Person responsible: **Paul Dixon – Product Certification Manager**
Applicant: **Prisma Industriale S.R.L.
Via la Bionda, 17
I-43036 Fidenza (PR)
Italy**
Manufacturer: **The applicant**
Identification of the
certified pattern: **D3 and T3 Checkweighers**

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):

OIML R 51 - Edition 2006(E) for accuracy class XIII(1)

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.

Important note: Apart from the mention of the certificates 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.

This revision replaces earlier versions of the certificate.

Issue Date: 19 September 2014
Reference No: T1108/0058



Signatory: P R Dixon



The conformity was established by tests and examination described in the associated pattern evaluation report P0343 which includes 12 pages.

Characteristics of the instrument:

The pattern is a mains-powered family of automatic checkweighing instruments designated the D3.

Model	08D3	09D3	10D3	14D3
Maximum capacity:	≤ 1600 g	≤ 3200 g	≤ 6400 g	≤ 1600 g
Minimum capacity (Min):	≥ 15 g	≥ 30 g	≥ 60 g	≥ 120 g
Scale interval (e =):	≥ 0.5 g	≥ 1 g	≥ 2 g	≥ 5 g
Maximum number of scale intervals:	3200			
Load cells E _{max}	5 kg	10 kg	10 kg	20 kg
Maximum belt speed:	75 m/min			
Tare:	T ≤ - Max			
Climatic environment	5°C to +40 °C			
	Non-condensing (closed)			
Electromagnetic environments	E1 and E2			
Power supply	230 Va.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: Tedeo 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 that the load cell tested dynamically (Tedeo Huntleigh 1042 C3, capacity 5 kg)
- The design of the load cells and the material are the same
- No oil damper is used

Interfaces:

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

Devices:

- Semi-automatic zero-setting ($\leq 4\%$ Max)
- Initial zero-setting ($\leq 20\%$ Max)
- Zero-tracking ($\leq 4\%$ Max)
- Automatic zero setting device active during automatic operation (at least every 35 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

Alternatives:

Having the instrument designated the 08T3, 09T3, 10T3 and 14T3. The LCD display is replaced by a touch screen type T3.

The instrument may have a number of the following interfaces:

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

Having a modified construction, with the load cell cable running externally between the cabinet and weighing unit.

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.
R51/2006-GB1-09.05 revision 2	08 August 2012	08T3, 09T3 and 10T3 added to the certificate.
R51/2006-GB1-09.05 revision 3	19 September 2014	Specifications table changed. Model 14D3 and 14T3 added. Semi-automatic zero setting available to the user Frequency of automatic zero setting changed to 35 min. Alternative construction added.