NATIONAL WEIGHTS AND MEASURES LABORATORY

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

OIML Certificate No
R51/2006-GB1-09.04

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: **Thermo Ramsey Italia S.R.L.**
Address: **Strada Rivoltana km 6/7 Rodano (MI)**
20090
Italy

Manufacturer of the certified pattern is the Applicant.

Identification of the certified pattern:

VersaWeigh and VersaGP 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)**

OIML Certificate No
R51/2006-GB1-09.04

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 547 having 38 pages
Pattern evaluation checklist: P00143 having 11 pages

The issuing authority

Mr P R Dixon

The CIML member

Mr P Mason

Date: 22 July 2009
Ref: T1108/0053

Characteristics: Mains-powered automatic checkweighing instrument designated the VersaWeigh or VersaGP.

Maximum capacity (Max):	1 200 g	2 400 g	48 00 g	12 000 g	24 000 g	48 000 g
Minimum capacity (Min):	35 g	70 g	140 g	350 g	700 g	1400 g
Scale interval (e =):	0.5 g	1 g	2g	5g	10 g	20 g
Maximum number of scale intervals (n):	2400					
Load cell E_{max}:	10 kg	20 kg	30 kg	100 kg	100 kg	100 kg
Tare (T):	- 500 e (single-range instruments) - 500 e_1 (multi-range instruments)					
Belt speed:	1.2 m/s					
Climatic environment	0°C to +40 °C					
	Non-condensing (closed)					
Power supply	115 - 250 Va.c. 50 Hz					
Accuracy class	XIII(1)					

Load cell:

The load cell type may be as follows: Tedea Huntleigh 1042 or 1250 C3, capacity according to above table.

Any compatible load cell 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 (Tedea 1042 C3, capacity 10 kg)
- The design of the load cells and the material are the same
- No oil damper is used

Devices:

- Initial zero-setting
- Zero-tracking
- Automatic alarm device active during automatic operation (requests a zero setting at least every 11 min)
- Pre-set tare device (subtractive)
- Static calibration not accessible to the user
- Dynamic calibration accessible to the user and recorded
- Internal memory for storage of batch reports
- Device that acts upon significant faults
- Screen check at power-up

Interfaces:

- RS 232
- USB
- Ethernet
- Parallel

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.