



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

OIML Certificate No
R76/1992-GB1-15.03

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**
Person responsible: **Paul Dixon – Director, Product Certification**
Applicant: **Dini Argeo S.r.l.
Via della Fisica 20
41042 Spezzano di Fiorano
Modena
Italy**

Manufacturer: **The applicant**
Identification of the certified pattern: **GP and GPE Series Price Computing Scales**

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 76 - Edition 2006(E) for accuracy class: [III]

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.

Issue Date: 20 February 2015
Reference No: T1138/0015

Signatory: G Stones

The conformity was established by tests described in the associated:

HELMAC Laboratory under the supervision of the Chamber of Commerce UFFICIO METRICO,
Test Report PM01/03, PM02/03, PM03/03
Pattern Evaluation Checklist PM01/03 (page 117/127) – PM02/03 (page 23/33)

Characteristics of the instrument:

Main features:

The GP and GPE series of multi divisional Non-Automatic Weighing Instruments which are mains or battery powered, Class III, price-computing, stand-alone instruments intended for direct sales to the public. Maximum capacities are between 3 kg and 3 000 kg.

The instrument has the following features:

The GP and GPE series construction is dependent on the model number; the designation follows the following format: “Family”+“suffix”:

“Family”: GP and GPE series;

“Suffix”: being alphanumeric characters used to identify different variants.

The weighing instruments may be comprised of the following:

- Environmentally protected against dust, water and insects
- LCD, LED and touch displays available
- High speed thermal printer
- Die-cast chassis and plastic housing that contains the load cell and electronics
- Stainless steel and aluminium load receptor
- Mechanical and membrane keyboard
- Level indicator

Devices:

- Initial zero-setting
- Semi-automatic zero-setting
- Automatic zero-setting
- Zero-tracking
- Zero and tare indicator
- Net indicator
- Semi-automatic subtractive tare balancing/weighing
- Preset tare
- Price computing
- Price-labelling configuration, in which case printing below Min is not allowed (except self service mode)

Technical data:

The instrument is mains-powered, 230 / 240 V AC, 50 / 60 Hz. There are two options for when the instrument is being powered from a DC source;

- 6, 12 or 24 V DC from internal accumulators.
- 12 or 24 V DC from external DC source.

The instruments are fitted with a battery indicator, and an audible warning will sound when DC voltage drops to a minimum.

Interfaces:

The instrument may have the following interface type:

- power interface
- serial port
- cashier box interface
- Ethernet (wired or R.F. connectivity)
- USB interface
- WiFi

Seals:

The data plate is located in a position from which it can be easily viewed by the vendor. It is secured, either by sealing or by being of a material such that it is destroyed when removed.

The electronic seal provides access to the password-protected calibration procedure, which is entered on the keyboard and allows the user to register the progressive number, date and time, identification codes of the service centre and type of intervention in the non-volatile memory, protected by seals. The last 16 events can be printed via a keyboard shortcut.

Load cell:

The GP and GPE series can be connected to any compatible load cell(s) providing the following conditions are met:

- There is a respective OIML Certificate of Conformity (R60) or an EC Test Certificate (EN45501) issued for the load cell by a Notified Body responsible for type examination under Directive 2009/23/EC.
- The certificate contains the load cell types and the necessary load cell data required for the manufacturer's declaration of compatibility of modules (WELMEC 2, Issue 5, 2009, No 11), and any particular installation requirements. A load cell marked NH is allowed only if humidity testing to EN45501 has been conducted on this load cell.
- The compatibility of the load cells and indicator is established by the manufacturer by means of the compatibility of modules calculation, contained in the above WELMEC 2 document, at the time of verification or declaration of EC conformity of type.
- The load cell transmission must conform to one of the examples shown in the WELMEC Guide 2.4, "Guide for Load cells".

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The instruments listed below, which have been approved under this certificate, may use the following alternative load cells:

Manufacturer	Load Cell Model	Load cell Emax (kg)	Scale Model	Max Capacity (kg)
HBM	SP4C3MR	20	GP, GPE	15
TEDEA	1042C3	20	GP, GPE	15
TEDEA	1042C3, 1042C6	50	GP, GPE	30
HBM	SP4C3MR	50	GP, GPE	30
HBM	SP4C6MR	36	GP, GPE	30
HBM	PW2C6MR	36	GP, GPE	30
TRANSDUTEC	TPF1-6D	35	GP, GPE	35

The load cells detailed in the Table above all have an OIML Certificate of Conformity (R60). As an alternative, Dini Argeo S.r.l. model load cells covered by parallel certificates issued for the load cells detailed in the Table above may also be used under this approval.

Software:

The legally relevant software identification is fully described in the user manual, and can be displayed via the software menu and/or can be printed.

The legally relevant software is held in firmware on the circuit board, and has the following identification version number: 230100000.1.09. Access to the setup/configuration and calibration mode is only allowed by operating a key on the keyboard and input the correct password. Calibration is protected by the means of the electronics seal.

Certificate History

Issue №.	Date	Description
R76/1992-GB1-15.03	20 February 2015	Type approval first issued
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