

Issued by NMI Certin B.V.,
designated and notified by the Netherlands to perform tasks with respect to conformity modules mentioned in Article 13 of Directive 2014/31/EU, after having established that the measuring instrument meets the applicable requirements of Directive 2014/31/EU, to:

Manufacturer Pantelidis Industrial Weighing and Automations S.A.
12 km of Palaïas Odou Thessalonikis – Kilkis
54500 Thessaloniki
Greece

Measuring instrument **A Non-automatic weighing instrument**
Type : M5-0, M5-1, M5-1A, M5-2, M5-2A, M5-F, M5-D, M5-S, MD5-1, MD5-1A, MD5-2, MD5-2A, MD5-F, MD5-D, MD5-S, M5-1 max, M5-1A max, M5-2 max, M5-2A max, M5-F max, M5-D max, M5-S max, MD5-1 max, MD5-1A max, MD5-2 max, MD5-2A max, MD5-F max, MD5-D max, MD5-S max

Further properties are described in the annex:
– Description T11861 revision 0.

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Certification Board

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1 General information about the non-automatic weighing instrument

All properties of the non-automatic weighing instrument, whether mentioned or not, shall not be in conflict with the legislation.

This certificate contains references to other certificates. The properties mentioned in these certificates shall be observed in addition to the properties mentioned in this certificate.

1.1 Essential parts

Indicator:

Producer	Type	Certificate number
Pantelidis Industrial Weighing and Automations S.A.	M5-0, M5-1, M5-1A, M5-2, M5-2A, M5-F, M5-D, M5-S, MD5-1, MD5-1A, MD5-2, MD5-2A, MD5-F, MD5-D, MD5-S, M5-1 max, M5-1A max, M5-2 max, M5-2A max, M5-F max, M5-D max, M5-S max, MD5-1 max, MD5-1A max, MD5-2 max, MD5-2A max, MD5-F max, MD5-D max, MD5-S max	TC11859

Any analog-passive load cell(s) may be used under this certificate for instruments as described in WELMEC 2.4 Issue 2, provided the following conditions are met:

- There is a respective certificate (EN45501) or an OIML Certificate (R 60) issued for the load cell by a Notified Body responsible for type examination under Directive 2014/31/EU.
- The certificate contains the load cell types and the necessary load cell data required for the manufacturer's declaration of compatibility of modules (EN 45501:2015 clause F.4), 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 load cells and indicator is established by the manufacturer by means of the compatibility of modules form, contained in EN 45501:2015 clause F.4, at the time of putting into use.
- The load transmission must conform to one of the examples shown in WELMEC 2.4 Issue 2.

1.2 Essential characteristics

Accuracy class	III
Maximum number of scale intervals	$n \leq$ number of scale intervals in the certificates involved

1.3 Essential shapes

The data plate is secured against removal by sealing or will be destroyed when removed.

Inside the cabinet is an adjustment lock, located on the main board.

1.4 Conditional parts

The non-automatic weighing instrument may be equipped with peripheral equipment which is used for the applications listed in Article 1(2), (a) to (f) of Directive 2014/31/EU, provided that the peripheral equipment is certified to be connected to a non-automatic weighing instrument by a Notified Body responsible for type examination under Directive 2014/31/EU, or, that the equipment and the use of the equipment complies with the requirements of WELMEC 2.5 Issue 2 clause 2.2.

The non-automatic weighing instrument is fitted with a levelling device and a level indicator, unless the instrument is installed in a fixed position. A ring on the level indicator indicates when the maximum tilt is exceeded.

1.5 Non-essential parts

The non-automatic weighing instrument may be connected to non-essential devices, for example but not limited to bar code readers, foot switches, second displays and cash drawers, provided that:

- They do not present primary data used for purposes mentioned in Article 1(2), (a) to (f) of Directive 2014/31/EU unless the "Preliminary observation" in Annex I of the Directive is satisfied;
- They do not lead to an instrument having other essential characteristics than those fixed by this certificate.

2 Seals

To secure components that may not be dismantled or adjusted by the user, the non-automatic weighing instrument has to be secured in a suitable manner on the locations indicated in the certificates involved.

The connecting cable of the load cell or the junction box is provided with the possibility to seal.

3 Conditions for conformity assessment

The marks, facilities for the marks and the inscriptions on the non-automatic weighing instrument fulfil the requirements of point 1 of Annex III of Directive 2014/31/EU.

The compatibility of load cells and indicator is established by the manufacturer by means of the compatibility of modules form, contained in EN 45501:2015 clause F.4, at the time of putting into use.