



EC type-approval Certificate

Number **T8492** revision 0
Project number SO13204690
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Issued by NMI Certin B.V.,
designated and notified by the Netherlands to perform tasks with respect to
conformity modules mentioned in article 9 of Directive 2009/23/EC, after
having established that the measuring instrument meets the applicable
requirements of Directive 2009/23/EC, to:

Manufacturer Shanghai Handfree Mechatronic Co., Ltd.
18th, No. 5018 Shangnan Road
Shanghai 200124
Peoples Republic of China

Measuring instrument **A Non-automatic weighing instrument**
Type : HF-L/S, GC-L/S, HC/E-200, PC/E-200

Further properties are described in the annex:
– Description T8492 revision 0.

Valid until 17 January 2024

Issuing Authority **NMI Certin B.V., Notified Body number 0122**
17 January 2014


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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.

1.1 Essential parts

Indicator:

Manufacturer	Type	Certificate number
Shanghai Handfree Mechatronic Co., Ltd.	HF-L/S, GC-L/S, HC/E-200, PC/E-200	TC8391

Any load cell(s) may be used under this EC type-approval 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 of Conformity (R 60) 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, 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 load cells and indicator is established by the manufacturer by means of the compatibility of modules form, contained in the above WELMEC 2 document, 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)
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The essential characteristics are described in the certificates involved.

1.3 Essential shapes

The descriptive markings plate is secured against removal by sealing or will be destroyed when removed and contains the information as required by Directive 2009/23/EC annex IV.

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) of Directive 2009/23/EC, 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 2009/23/EC, or, that the equipment and the use of the equipment complies with the requirements of WELMEC 2.5 Issue 2, 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 Conditional characteristics

The conditional characteristics are described in the certificates involved.

1.6 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 display's and cash drawers, provided that:

- They do not present primary data used for purposes mentioned in article 1(2)(a) of Directive 2009/23/EC unless the "preliminary observations" in Annex 1 of this directive is satisfied;
- They do not lead to an instrument having other essential characteristics than those fixed by this type-approval document.

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.

3 Conditions for conformity assessment

The marks, facilities for the marks and the inscriptions on the non-automatic weighing instrument fulfill the requirements of article 1 of Annex IV of Directive 2009/23/EC.

The compatibility of load cells and indicator is established by the manufacturer by means of the compatibility of modules form, contained in WELMEC 2 Issue 5, 11, at the time of putting into use.