

Nederlands Meetinstituut

EC type-approval certificate

Number **T5976** revision 4
Project number 312516
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Issued by NMI Certin B.V.
Hugo de Grootplein 1
3314 EG Dordrecht
The Netherlands

Notified Body Number 0122

In accordance with The Council Directive 90/384/EEC on non-automatic weighing instruments.

Applicant Mettler-Toledo Changzhou Ltd.
111 Changxi Road, Changzhou
Jiangsu 213001
P.R. of China

In respect of A class (III) or (IIII), electronic **non-automatic weighing instrument**.
Manufacturer : Mettler-Toledo
Type : depending on the configuration

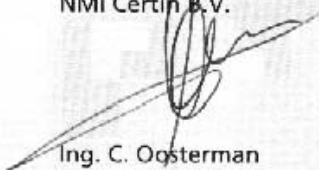
Characteristics $n \leq$ the number of scale intervals mentioned in the test certificates involved.
In the description number T5976 revision 4 further characteristics are described.

Valid until 17 December 2011

Description The instrument is described in the description number T5976 revision 4.

Remarks This revision replaces the earlier versions.

Delft, 10 December 2003
NMI Certin B.V.


Ing. C. Oosterman
Manager Product Certification

Nederlands Meetinstituut
Hugo de Grootplein 1
3314 EG Dordrecht
Telephone +31 78 6332332
Telefax +31 78 6332309

NMI B.V.
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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, may not be in conflict with the legislation.

1.1 Essential parts

Indicator:

Manufacturer	Type	Test certificate number
Mettler-Toledo	Panther	TC2969
Mettler-Toledo	Hawk / HTGB / WS	TC5974
Mettler-Toledo	Kingbird	TC5975
Mettler-Toledo	Hawk harsh	TC5985

Any load cell(s) may be used for instruments under this EC type-approval certificate, provided the following conditions are met:

- There is a respective OIML Certificate of Conformity (R60) or a test certificate (EN45501) issued for the load cell by a Notified Body responsible for type examination under Directive 90/384/EEC.
- 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 3, 2000, 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 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 EC verification or declaration of EC conformity of type.
- The load transmission must conform to one of the examples shown in the WELMEC guide for load cells (WELMEC 2.4).

1.2 Essential characteristics

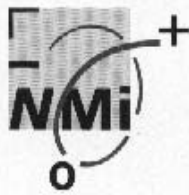
The essential characteristics are described in the test certificates involved.

1.3 Essential shapes

The data plate is secured against removal by sealing or will be destroyed when removed. 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 test certificates involved and the load cell cable or the junction box has to be secured.

The securing component has to bear either:

- a mark of the manufacturer laid down in a notified body approved quality system (Annex II of the directive 90/384/EEC), or
- an official mark of a Member State of the EEC, or an other party to the EEA agreement.



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 the EC Directive (90/384/EEC), if the peripheral equipment is certified to be connected to an EC type-approved non-automatic weighing instrument by a Notified Body appointed to certify non-automatic weighing instruments according to paragraph I of Annex II of the EC directive on Non-Automatic Weighing Instruments.

If the non-automatic weighing instrument is liable to be tilted the instrument must be equipped with a level indicator with a sensitivity of at least 2 mm for a tilt of 2/1000.

1.5 Conditional characteristics

The conditional characteristics are described in the test 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 the EC Directive (90/384/EEC) 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 Approval conditions

See chapter 1.3, essential shapes.

3 Seals and verification marks

See chapter 1.3, essential shapes.

4 CE-mark of conformity and inscriptions

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