

# EU-type examination certificate

Number **T11060** revision 7  
Project number 2493052  
Page 1 of 1

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

Mettler-Toledo GmbH  
Im Langacher  
8606 Greifensee  
Switzerland

Measuring instrument **A Non-automatic weighing instrument**

Type : Depending on the configuration

- Further properties are described in the annexes:
- Description T11060 revision 7;
  - Documentation folder T11060-2.

Valid until

16 March 2027

Remarks

This revision replaces the earlier versions, except for its documentation  
folder.

Issuing Authority

**NMi Certin B.V., Notified Body number 0122**  
23 March 2021

Certification Board

**NMi Certin B.V.**  
Thijssseweg 11  
2629 JA Delft  
The Netherlands  
T +31 88 6362332  
certin@nmi.nl  
www.nmi.nl

This document is issued under the provision  
that no liability is accepted and that the  
manufacturer shall indemnify third-party  
liability.

The designation of NMi Certin B.V. as Notified  
Body can be verified at  
[http://ec.europa.eu/growth/tools-  
databases/nando/](http://ec.europa.eu/growth/tools-databases/nando/)

Reproduction of the complete  
document only is permitted.

This document is digitally signed  
and sealed. The digital signature  
can be verified in the blue ribbon  
on top of the electronic version of  
this certificate.

## 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

The non-automatic weighing instrument is built from either:

- An indicator together with a digital load cell and load receptor;
- A terminal together with a weighing module;
- A terminal together with an analog data processing device, analog load cell and load receptor;
- A terminal together with a digital data processing device, digital load cell and load receptor.

#### 1.1.1 Indicator / Terminal

| Producer       | Type  | Certificate number |
|----------------|---|--------------------|
| Mettler-Toledo | ICS226  | TC8375             |
| Mettler-Toledo | ICS6x9-1 / ICS4x9-1 / ICS4x5-1 / ICS466x / ICS6x5-1 / ICS426x | TC7831             |
| Mettler-Toledo | IND131 / IND331   | TC7600             |
| Mettler-Toledo | IND141, ACT350  | TC8790             |
| Mettler-Toledo | IND220 / IND221 / IND226 / IND226x                            | TC6862             |
| Mettler-Toledo | IND231 / IND236   | TC8351             |
| Mettler-Toledo | IND245 / IND246   | TC7918             |
| Mettler-Toledo | IND256X   | TC10878            |
| Mettler-Toledo | IND360  | TC11949            |
| Mettler-Toledo | IND560 / IND560x  | TC6812             |
| Mettler-Toledo | IND570  | TC8458             |
| Mettler-Toledo | IND780  | TC6944             |
| Mettler-Toledo | IND890-1 / IND930   | TC11029            |
| Mettler-Toledo | IND890-2 / IND970   | TC11274            |

## 1.1.2 Analog data processing device

| Producer   | Type                 | Certificate number | Interface | Remarks |
|--|----------------------|--------------------|-----------|---------|
| Mettler-Toledo   | DigiCell/ PDC-SG-Ex1 | TC7758             | SICSPro   | 1), 2)  |
| Mettler-Toledo   | Point                | D09-96.16          | IDNet     | 1)      |
| Mettler-Toledo   | LE-DigiCell          | TC11276            | SICSPro   | 2), 3)  |
| 1) The ADPD can be built into the terminal, or in a metal box close to or inside the load receptor.<br>2) This module uses the Rainbow software with certificate number TC8039. The terminal shall be able to display the identification of this software.<br>3) The ADPD uses a wireless Bluetooth connection between ADPD and terminal. This connection is setup with a wireless module on terminal side and one on ADPD side. |                      |                    |           |         |

## 1.1.3 Digital data processing device

| Producer  | Type                   | Certificate number | Interface | Remarks |
|---|------------------------|--------------------|-----------|---------|
| Mettler-Toledo  | Powercell option board | TC11715            | CANbus    | 1)      |
| 1) The DDPD can be built into the terminal, or in a metal box close to or inside the load receptor. |                        |                    |           |         |

## 1.1.4 Digital load cell / weighing module / analog load cell

| Producer       | Type                                   | Certificate number | Module type                          | Remarks  |
|----------------|--|--------------------|--------------------------------------|--|
| Mettler-Toledo | MPGI, MPXI                             | D09-97.24          | Digital load cell, SICSPro-interface | Only the types MPGI, MPXI and TBrick (Ex) listed in the certificate may be used. |
| Mettler-Toledo | TBrick (Ex)                            | D09-97.24          | Digital load cell, IDNet interface   |  |
| Mettler-Toledo | SLP330D<br>SLP331D<br>SLP332D          | TC7979             | Digital load cell, SICSPro-interface | 1)   |
| Mettler-Toledo | ..MBA.....<br>..MPD.....<br>..MMA..... | TC7978             | Weighing module, SICSPro-interface   | 1)   |
| Mettler-Toledo | PBD655                                 | TC8048             | Weighing module, SICSPro-interface   | 1)   |
| Mettler-Toledo | IS78N..                                | TC10985            | Digital load cell SICSPro-interface  | 1)   |

| Producer   | Type      | Certificate number | Module type                          | Remarks |
|--|-----------|--------------------|--------------------------------------|---------|
| Mettler-Toledo   | SLC611D   | TC8738             | Digital load cell, CANbus interface  | -       |
| Mettler-Toledo   | SLC820    | TC7579             | Digital load cell, CANbus interface  | -       |
| Mettler-Toledo   | SLC720    | TC8298             | Digital load cell, CANbus interface  | -       |
| Mettler-Toledo   | SLB615D   | TC8489             | Digital load cell, CANbus interface  | -       |
| Mettler-Toledo   | MTX       | TC5408             | Digital load cell, CANbus interface  | -       |
| Mettler-Toledo   | 0760-1XXX | TC2149             | Digital load cell, CANbus interface  | -       |
| Mettler-Toledo   | SLP84XD   | TC11988            | Digital load cell, SICSPRO-interface | 1)      |
| 1) These modules use the Rainbow software with certificate number TC8039. The terminal shall be able to display the identification of this software. |           |                    |                                      |         |

For the digital load cells listed, the load transmission or load receptor must conform to clause 1.1.4.

The load cell models SLC820, SLC720 and SLC611D or 0760-1XXX and MTX are interchangeable in regard to mechanical configuration and force introduction. In addition, each load cell is adjusted to exact performance requirements making them individually interchangeable. Refer to the appropriate load cell test certificate for more details on the interchangeability.

Any other 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 EN 45501 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.

## 1.1.5 Load receptor

The load transmission must conform to one of the examples shown in WELMEC 2.4 Issue 2, or the load receptor shall comply with the drawings listed in the table below.

| Number     | Pages | Description                            | Remarks                             |
|------------|-------|--|-------------------------------------|
| 11060/1-01 | 1     | A 3/6 weighing platform                | Accuracy class (II), (III) or (III) |
| 11060/1-02 | 1     | AB 15/30/60 weighing platform          | Accuracy class (II), (III) or (III) |
| 11060/1-03 | 1     | B 60/120 weighing platform             | Accuracy class (II), (III) or (III) |
| 11060/1-04 | 1     | CC 150/300 weighing platform           | Accuracy class (II), (III) or (III) |
| 11060/1-05 | 1     | C 300/600 weighing platform            | Accuracy class (II), (III) or (III) |
| 11060/1-06 | 1     | O 600/1200 weighing platform           | Accuracy class (II), (III) or (III) |
| 11060/1-07 | 1     | D/E/ES 600/1500/3000 weighing platform | Accuracy class (II), (III) or (III) |
| 11060/1-08 | 1     | N 1500 weighing platform               | Accuracy class (II), (III) or (III) |
| 11060/1-09 | 1     | G 3000/6000 weighing platform          | Accuracy class (III) or (III)       |
| 11060/6-01 | 1     | PTA platform                           | Accuracy class (III) or (III)       |

## 1.2 Essential characteristics

|                                   |   |
|-----------------------------------|---|
| Accuracy class                    | (II) or (III) or (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.

## 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.

The communication between the indicator or terminal and the digital load cell, the weighing module or analog data processing device may pass through safety barriers.

In the case, the digital load cell, the weighing module or analog data processing device with IDNet or SICSpro protocol is powered by an APS768x or APS768x-CLCL power supply. The data communication passes through the same power supply and the ACM200 safety barrier. This is not applicable for wireless communication.

CANbus Barrier (producer Mettler-Toledo, type CBR-a-X);

CANbus Converter Box (producer Mettler-Toledo, type CCB-a-X).

## 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.

Any CANbus Barrier and/or CANbus Converter Box that is inserted in the communication between the indicator or terminal and the digital load cell shall be sealed by hardware sealing or software sealing.

## 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 or clause F.5, at the time of putting into use.