

# Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML  
Germany



OIML Certificate N°  
**R76/1992-DE1-04.04**  
**Revision 2**

## OIML CERTIFICATE OF CONFORMITY

### Issuing Authority

Name: Physikalisch-Technische Bundesanstalt  
Address: Bundesallee 100, 38116 Braunschweig  
Person responsible: Dr. Roman Schwartz

### Applicant

Name: Mettler-Toledo GmbH  
Address: Im Langacher, 8606 Greifensee  
Switzerland

Manufacturer of the certified type is the applicant.

### Identification of the certified type

Non-automatic electromechanical weighing instrument with or without lever works

Type: XP..., XS...

Further characteristics see page 2

This Certificate attests the conformity of the above identified type (represented by the sample or samples identified in the associated Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

**R76-1**, edition 1992, including Amendment 1 (1994),  
for accuracy classes **I** **II**

This Certificate relates only to the metrological and technical characteristics of the type of instrument covered by the relevant OIML Recommendation identified above.

This Certificate does not bestow any form of legal international approval.

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The conformity was established by the results of tests and examinations provided in the associated Report No. 1.12-4010230, Revision 2 (8 pages) and the following Test Reports:

- No. 1.12-4010230/1 that includes 43 pages
- No. 1.12-4010230/2 that includes 43 pages
- No. 1.12-4010230/3 that includes 47 pages
- No. 1.12-4010230/4 that includes 33 pages
- No. 1.12-4010230/5 that includes 33 pages
- No. 1.12-4010230/6 that includes 33 pages
- No. 1.12-4010230/7 that includes 50 pages

With this 2<sup>nd</sup> revision the technical data have been expanded. Furthermore new functionality concerning the level indicator and the Bluetooth interface has been added.

## The Issuing Authority

## The OIML Member

Dr. R. Schwartz  
Direktor und Professor

Prof. Dr. M. Kochsiek  
Vizepräsident

2005-11-22

2005-11-22

Identification of the type (continued):

Non-automatic electromechanical weighing instrument comprising the modules load receptor and indicating and operating device, which are built in separate housings. The indicating and operating device is connected via a short cable, so it is placed directly next to the load receptor.

The weighing ranges comprising Max, verification scale intervals, number of verification scale intervals and scale intervals may be selected considering the limiting values in table 1. This also applies for weighing results indicated in carat.

Table 1

accuracy class	I		II
temperature range	10 °C ... 30 °C	15 °C ... 25 °C	10 °C ... 30 °C
Max	210 g ... 12100 g	> 1210 g	210 g ... 64100 g
verification scale interval e	0,001 g ... 1 g	0,01 g	0,01 g ... 1 g
scale interval d	0,0001 g ... 1 g	0,001 g	0,001 g ... 1 g
number of verification scale intervals n	≤ 410000	≤ 510000	≤ 81000
tare-balancing range	≤ 100 % of Max		

**Important note:** Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated Test Report(s) is not permitted, although either may be reproduced in full.