



Physikalisch-Technische Bundesanstalt
Braunschweig und Berlin

OIML Member State
Germany

OIML Certificate No.
R76/2006-A-DE1-23.08

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

Name: Physikalisch-Technische Bundesanstalt,
Conformity Assessment Body
Address: Bundesallee 100, 38116 Braunschweig, GERMANY
Person responsible: Dr.-Ing. Prof. h. c. Frank Härtig

Applicant

Name: Mettler-Toledo Instruments (Shanghai) Co. Ltd.
Address: No. 589 Guiping Road, 200233 Shanghai, People's Republic of China

Manufacturer

Name: Mettler-Toledo Instruments (Shanghai) Co. Ltd.
Address: No. 589 Guiping Road, 200233 Shanghai, People's Republic of China

Identification of the certified type *(the detailed characteristics will be defined in the additional pages)*

Non-automatic electromechanical weighing instrument
Type: MA

Designation of the module *(if applicable)*

Not applicable

This OIML Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML type evaluation report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 76

Edition (year): 2006

For accuracy class (if applicable): I, II, III

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

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

The conformity was established by the results of tests and examinations provided in the associated OIML type evaluation report:

No. PTB-1.12-4117036 dated 24.10.2023 that includes 15 pages

The technical documentation relating to the identified type is contained in documentation file:

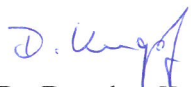
No. ZDS-R76/2006-A-DE1-23.08 dated 24.10.2023 that includes 2 pages

OIML Certificate History

Revision No.	Date	Description of the modification
0	24.10.2023	Initial Issuing

Identification, signature and stamp

The Issuing Authority



Dr. Dorothea Knopf

Member of Conformity Assessment Body

Date: 24.10.2023



Metrological characteristics of the pattern:

Variant		1	2	3	4
Accuracy class		Ⓛ	Ⓛ	Ⓜ	Ⓜ
Maximum capacity Max	g	≤ 152	≤ 220	≤ 520	≤ 6200
Minimum load Min	mg	1	10	20	500
Verification scale interval e	mg	1	1	10	100
Actual scale interval d	mg	≥ 0,01	0,1	1	10
Number n of scale intervals		≤ 152000	≤ 220000	≤ 52000	≤ 62000
Tare-balancing range (subtractive)	• Max	≤ 100 %			

Variant		5	6	7	8
Accuracy class		Ⓜ	Ⓜ	Ⓜ	Ⓜ
Maximum capacity Max	g	≤ 2200	≤ 6200	≤ 5200	≤ 32200
Minimum load Min	mg	500	5000	5000	5000
Verification scale interval e	mg	100	1000	1000	1000
Actual scale interval d	mg	10	100	100	100
Number n of scale intervals		≤ 22000	≤ 6200	≤ 5200	≤ 32200
Tare-balancing range (subtractive)	• Max	≤ 100 %			

Variant		9	10
Accuracy class		Ⓜ	Ⓝ
Maximum capacity Max	g	≤ 32200	≤ 32200
Minimum load Min	g	50	20
Verification scale interval e	g	1	1/5/10
Actual scale interval d	g	1	1/5/10
Number n of scale intervals		≤ 32200	≤ 5000/3000/3220
Tare-balancing range (subtractive)	• Max	≤ 100 %	

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 OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

OIML
Certification System