

Member State of OIML
Germany



OIML Certificate No.
R76/2006-DE1-15.01
Revision 1

OIML CERTIFICATE OF CONFORMITY

Issuing Authority

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

Applicant

Name: Mettler-Toledo GmbH
Address: Im Langacher 44, 8606 Greifensee
Schweiz

Manufacturer

Name: Mettler-Toledo GmbH
Address: Heuwinkelstrasse 3, 8606 Nänikon
Schweiz

Identification of the certified type

Weighing module
Type: MPGI.../MPXI...

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 2006

for accuracy class(es)  

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

OIML Certificate No.
R76/2006-DE1-15.01
Revision 1

This 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 Test Reports

No. <u>20141088.A04.01</u>	that includes 41 pages
No. <u>20141088.A04.02</u>	that includes 31 pages
No. <u>20141088.A04.03</u>	that includes 31 pages
No. <u>20141088.A04.11</u>	that includes 7 pages
No. <u>1.12-4075006/1</u>	that includes 12 pages (checklist)
No. <u>20161072.A01.01</u>	that includes 39 pages
No. <u>20161072.A01.02</u>	that includes 30 pages
No. <u>20161072.A01.03</u>	that includes 33 pages

Technical data:

type	MPGI6000G2		MPGI0015K4	
	II	III	II	III
accuracy class	II	III	II	III
nominal load	6 kg	6 kg	15 kg	15 kg
$e \geq$	0,1 g	0,1 g	0,5 g	0,5 g
$n \leq$	30000	10000	30000	10000
$n_i \leq$ ¹⁾	-	10000	-	10000
$Max / e_1 \leq$ ¹⁾	-	60000	-	30000
tare-balancing range	100 % of Max	100 % of Max	100 % of Max	100 % of Max
Initial zero-setting range ²⁾	20 % of Max	20 % of Max	20 % of Max	20 % of Max
Fraction of mpe	$p_i = 1.0$	$p_i = 1.0$	$p_i = 0.8$	$p_i = 0.8$
Temp. range	0 °C/+40 °C	0 °C/+40 °C	0 °C/+40 °C	-10 °C/+40 °C

¹⁾ for multi-interval instruments

²⁾ a bigger initial zero-setting range is permitted, if the remaining weighing range is decreased.

type	MPGI0032K4		MPGI0064K4	
	II	III	II	III
accuracy class	II	III	II	III
nominal load	30 kg	30 kg	60 kg	60 kg
$e \geq$	1 g	1 g	2 g	2 g
$n \leq$	30000	10000	30000	10000
$n_i \leq$ ¹⁾	-	10000	-	10000
$Max / e_1 \leq$	-	30000	-	30000
tare-balancing range	100 % of Max	100 % of Max	100 % of Max	100 % of Max
Initial zero-setting range ²⁾	20 % of Max	20 % of Max	20 % of Max	20 % of Max



OIML Certificate No.
R76/2006-DE1-15.01
Revision 1

Fraction of mpe	$p_i = 0.8$	$p_i = 0.8$	$p_i = 1.0$	$p_i = 1.0$
Temperature range	0°C/+40°C	-10°C/+40°C	0°C/+40°C	-10°C/+40°C

- 1) Applies for multi-interval instruments
2) A larger initial zero-setting range is permitted if the remaining weighing range is decreased.

The technical data of the above table also apply to MPXI...

The Issuing Authority

Dr. D. Knopf
Member of Certification Body

17.10.2017



The CIML Member

Hon.-Prof. Dr. R. Schwartz
Vice President

17.10.2017



Physikalisch-Technische Bundesanstalt
Braunschweig und Berlin
Nationales Metrologieinstitut

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