Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML
Germany

OIML Certificate No.
R76/2006-DE1-11.05

OIML CERTIFICATE OF CONFORMITY

Issuing Authority

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

Applicant

Name:	Precisa Gravimetrics AG
Address:	Moosmattstr. 32, 8953 Dietikon Schweiz

Manufacturer of the certified type is the applicant.

Identification of the certified type

Non-automatic electromechanical upper shell precision and analysis weighing instrument

Further characteristics see page 2 and 3

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 classes (I) and (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.

R3-0033

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The conformity was established by the results of tests and examinations provided in the associated Report

No 1.12-4054225 (10 pages)

and Test Reports

No. 1.12-4054225/1 (37 pages),
No. 1.12-4054225/2 (36 pages),
No. 1.12-4054225/3 (48 pages),

The Issuing Authority

Dr. D. Ratschko
Head of Department

30.09.2011

The CIML Member

Dr. R. Schwartz
Head of Division

30.09.2011

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Identification of the pattern (continued)

Non-automatic electromechanical upper shell precision and analysis weighing instrument of series 360 EP and 360 ES, as well as multi-interval instrument. The commercial model designation of the weighing instrument is: EP… or ES …

Accuracy class	(I)	(II)
Maximum capacity Max	120 g … 2220 g	320 g … 12200 g
Number n of verification scale intervals	n ≤ 125000	n ≤ 122000
Tare-balancing range (subtractive)	≤ 100 % of Max	
Preset tare range	≤ 100 % of Max	
Temperature range	+15 °C … +25 °C ((I)) +10 °C … +30 °C ((II))	

The weighing ranges with Max, Min, e, d and number of verification scale intervals may be chosen in the limits of No. 3.2 of R 76-1 and of table 1 and 2.

Table 1, accuracy class (I)

Type	Max	e =	d =	n ≤
...A or ...M	120 g...2220 g	1 mg…10 mg	0,01 mg...1 mg	125000
...A-.. or …M-..	225 g...1220 g	1 mg…10 mg	0,01 mg…10mg	122000

Table 2, accuracy class (II)

Type	**Max**	e =	d =	n ≤
...M or ...M-..	320 g...620 g	10 mg	1 mg…10 mg	62000
...C or ...C-..	1200 g...8200 g	0,1 g	0,01 g…0,1 g	82000
...D or …G	6200 g…12200 g	1 g	0,1 g…1 g	12200

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