

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

PRECIA MOLEN CZ s.r.o.
Calibration Centre
Charbulova 290/105, Černovice, 618 00 Brno

CMC for the field of measured quantity: Mass

Ord. number ¹	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Workplace
		min.	unit	max.	unit					
1	Weights and other objects of accuracy class M1, M2			0.5 kg			3.3 mg	Comparison with F2 class standards according to OIML R111	Calibration procedure No. 3	
				1 kg			6.6 mg			
				2 kg			15 mg			
				5 kg			31 mg			
				10 kg			73 mg		Calibration procedure No. 2	
				20 kg			130 mg			
2*	Electronic and mechanical scales with non-automatic operation Class I, II, III, IV	0.01 kg	up to	0.051 kg			$2.1 \cdot 10^{-7}$	Comparison with E2 class standards according to OIML R111	Calibration procedure No. 1	
		0.051 kg	up to	0.12 kg			$0.28 \cdot 10^{-7}$			
		0.12 kg	up to	0.18 kg			$0.46 \cdot 10^{-7}$			
		0.18 kg	up to	0.22 kg			$0.44 \cdot 10^{-7}$			
		0.22 kg	up to	0.32 kg			$0.64 \cdot 10^{-7}$			
		0.32 kg	up to	0.42 kg			$0.8 \cdot 10^{-7}$			
		0.42 kg	up to	0.52 kg			$0.98 \cdot 10^{-7}$			
		0.52 kg	up to	0.61 kg			$1.5 \cdot 10^{-6}$			
		0.21 kg	up to	0.51 kg			$5.6 \cdot 10^{-6}$	Comparison with F2 class standards according to OIML R111		
		0.51 kg	up to	1.2 kg			$1.3 \cdot 10^{-5}$			
		1.2 kg	up to	2.5 kg			$2.6 \cdot 10^{-5}$			
		2.5 kg	up to	4.2 kg			$4.2 \cdot 10^{-5}$			
		4.2 kg	up to	6.0 kg			$6.2 \cdot 10^{-5}$			
		6.0 kg	up to	10 kg			$1.0 \cdot 10^{-4}$			
		10 kg	up to	15 kg			$1.5 \cdot 10^{-4}$			
15 kg	up to	20 kg			$2.2 \cdot 10^{-4}$					

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		min.	unit	max.	unit					
2*		20 kg	up to	35 kg			$3.7 \cdot 10^{-4}$	Calibration procedure No. 1		
		35 kg	up to	45 kg			$4.8 \cdot 10^{-4}$			
		45 kg	up to	55 kg			$5.9 \cdot 10^{-4}$			
		55 kg	up to	65 kg			$6.9 \cdot 10^{-4}$			
		65 kg	up to	100 kg			$8.2 \cdot 10^{-3}$	Comparison with M1 class standards according to OIML R111		
		100 kg	up to	200 kg			$1.7 \cdot 10^{-2}$			
		200 kg	up to	500 kg			$4.1 \cdot 10^{-2}$			
		500 kg	up to	1000 kg			$8.2 \cdot 10^{-2}$			
		1000 kg	up to	1500 kg			$1.5 \cdot 10^{-1}$			
		1500 kg	up to	2000 kg			$1.7 \cdot 10^{-1}$			
2000 kg	up to	2300 kg			$2.7 \cdot 10^{-1}$					

¹) Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

²) The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02, part of CMC, and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95%. If not stated otherwise, the uncertainty values stated without a unit are relative to the value measured. If the calibration is carried out outside the laboratory premises, the measurement uncertainty may be affected.

³) If the document identifying the calibration procedure is dated, only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).