

STANDARD WEIGHTS

To obtain the best accuracy from precision balances, the balances need to be frequently calibrated using precision standard weights. Contech offers Brass & Stainless calibrated weights. Weights are available in cylindrical configuration.

Standard weight box of range 1mg to 200 grams come in attractive, sturdy polished wooden/plastic cases.

Certification Service for the Standard Weights are offered from NABL Accredited Certification Laboratories with traceability to NPL Standards.

- High precision metrological standard weights and weight box.
- Complete range : 1mg to 200 g weight box and loose weights upto 20 kg.
- M1, F2, F1, E2, E1, Class weights.
- Stainless steel, Austenite alloy, Brass material
- Calibrated by NABL accredited Laboratory, RRSL (Regional Reference Standard Laboratory), NPL (National Physical Laboratory).

Total weight of weights: 611gm with 23 pieces



Nonmagnetic material: 7.9 (at 20°)

OIML R111-2004

NOMINAL VALUE	MAXIMUM PERMISSIBLE ERRORS FOR WEIGHTS (\pm in mg)					
	Class E1	Class E2	Class F1	Class F2	Class M1	Class M2
5000 kg			25 000	80 000	250 000	800 000
2000 kg			10 000	30 000	100 000	300 000
1000 kg		1 600	5 000	16 000	50 000	160 000
500 kg		800	2 500	8 000	25 000	80 000
200 kg		300	1 000	3 000	10 000	30 000
100 kg		160	500	1 600	5 000	16 000
50 kg	25	80	250	800	2500	8 000
20 kg	10	30	100	300	1 000	3 000
10 kg	5	16	50	160	500	1 600
5 kg	2.5	8	25	80	250	800
2 kg	1	3	10	30	100	300
1 kg	0.5	1.6	5	16	50	160
500 g	0.25	0.8	2.5	8	25	80
200 g	0.1	0.3	1	3	10	30
100 g	0.05	0.16	0.5	1.6	5	16
50 g	0.03	0.1	0.3	1	3	10
20 g	0.025	0.08	0.25	0.8	2.5	8
10 g	0.02	0.06	0.2	0.6	2	6
5 g	0.016	0.05	0.16	0.5	1.6	5
2 g	0.012	0.04	0.12	0.4	1.2	4
1 g	0.01	0.03	0.1	0.3	1	3
500 mg	0.008	0.025	0.08	0.25	0.8	2.5
200 mg	0.006	0.02	0.06	0.2	0.6	2
100 mg	0.005	0.016	0.05	0.16	0.5	1.6
50 mg	0.004	0.012	0.04	0.12	0.4	
20 mg	0.003	0.01	0.03	0.1	0.3	
10 mg	0.003	0.008	0.025	0.08	0.25	
5 mg	0.003	0.006	0.02	0.06	0.2	
2 mg	0.003	0.006	0.02	0.06	0.2	
1 mg	0.003	0.006	0.02	0.06	0.2	



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