

Error limits according to OIML Recommendation R111

+/- in mg								
Nominal mass value		E1	E2	F1	F2	M1	M2	M3
1	mg	0.003	0.006	0.020	0.06	0.20		
2	mg	0.003	0.006	0.020	0.06	0.20		
5	mg	0.003	0.006	0.020	0.06	0.20		
10	mg	0.003	0.008	0.025	0.08	0.25		
20	mg	0.003	0.010	0.03	0.10	0.3		
50	mg	0.004	0.012	0.04	0.12	0.4		
100	mg	0.005	0.016	0.05	0.16	0.5	1.6	
200	mg	0.006	0.020	0.06	0.20	0.6	2.0	
500	mg	0.008	0.025	0.08	0.25	0.8	2.5	
1	g	0.010	0.030	0.10	0.3	1.0	3	10
2	g	0.012	0.040	0.12	0.4	1.2	4	12
5	g	0.016	0.050	0.16	0.5	1.6	5	16
10	g	0.020	0.060	0.20	0.6	2	6	20
20	g	0.025	0.080	0.25	0.8	2.5	8	25
50	g	0.030	0.10	0.30	1.0	3.0	10	30
100	g	0.05	0.16	0.5	1.6	5	16	50
200	g	0.10	0.30	1.0	3.0	10	30	100
500	g	0.25	0.8	2.5	8.0	25	80	250
1	kg	0.5	1.6	5	16	50	160	500
2	kg	1.0	3.0	10	30	100	300	1,000
5	kg	2.5	8.0	25	80	250	800	2,500
10	kg	5	16	50	160	500	1,600	5,000
20	kg	10	30	100	300	1,000	3,000	10,000
50	kg	25	80	250	800	2,500	8,000	25,000
100	kg			500	1,500	5,000		
200	kg			1,000	3,000	10,000		
500	kg			2,500	7,500	25,000		
1000	kg			5,000	15,000	50,000		

+/-
mg

All weights are adjusted to the reference density 8.0 g/cm³ at an air density of 1.2 kg/m³