

Standard Weights

The Benchmark for Accuracy and Traceability

LimraTM
...the weighing solutions

OIML Standard Weights Box Class E1-E2



SPECIFICATION	
Class	E1 / E2 (1mg - 200gm)
Standard	OIML R111
Material	Austenitic Stainless Steel/316 Stainless Steel
Construction	Solid single piece fabrication
Cavity	No Cavity adjustment
Density	8.00g/cm ³ / 7.96g/cm ³
Magnetic Susceptibility	< 0.005
Intensity of Polarization	< 2.5 <8
Shape	Cylindrical with knob / Cylindrical
Finish	Mirror Polish / Mirror
Packing Sets Weight	Aluminium alloy box
Packing Individual Weight (kg)	ABS Box (20kg, 10kg, 5kg, 2kg, 1kg)
Packing Individual Weight (g & mg)	ABS Box (500g to 1g & 500mg to 1mg, any)

OIML Standard Weights Box Class F1-F2



SPECIFICATION	
Class	F1 / F2 (1mg - 200gm)
Standard	OIML R111
Material	304 Stainless Steel
Construction	One or two pieces of same material
Cavity	May contain adjusting cavity
Density	7.90g/cm ³ / 7.85g/cm ³
Magnetic Susceptibility	<0.05
Intensity of Polarization	< 25 / < 35
Shape	Cylindrical with knob
Finish	Mirror Polish
Packing Sets Weight	Aluminium alloy box
Packing Individual Weight (kg)	ABS Box (20kg, 10kg, 5kg, 2kg, 1kg)
Packing Individual Weight (g & mg)	ABS Box(500g to 1g & 500mg to 1mg, any)



TOLERANCE LEVELS

Nominal Size	Class E1	Class E2	Class F1	Class F2	Class M1	Class M2	Class M3
	mg	mg	mg	mg	mg	mg	mg
100 kg		160	500	1,600	5,000	16,000	50,000
50 kg	25	80	250	800	2500	8000	25,000
20 kg	10	30	100	300	1000	3000	10,000
10 kg	5	16	50	160	500	1600	5000
5 kg	25	8	25	80	250	800	2500
2 kg	1	3	10	30	100	300	1000
1 kg	0.5	1.6	5	16	50	160	500
500 g	0.25	0.8	25	8	25	80	250
200 g	01	0.3	1	3	10	30	100
100 g	0.05	0.16	0.5	1.6.	5	16	50
50 g	0.03	01	0.3	1	3	10	30
20 g	0.025	0.08	0.25	0.8	2.5	8	25
10 g	0.02	0.06	0.2	0.6	2	6	20
5g	0.016	0.05	0.16	05	1.6	5	16
2g	0.012	0.04	0.12	04	1.2	4	12
1g	0.01	0.03	0.1	03	1	3	10
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	03		
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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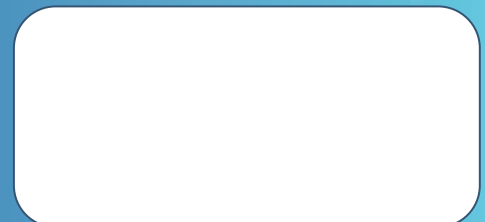


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