

TEST WEIGHTS

E1 / E2 / F1 / F2 / M1 Class



aczet

ACZET is the world's leading manufacturer of balances and a significant supplier of weights, weight sets and related weight calibration services. The weight portfolio covers OIML weights from one milligram to Hundred kg in all accuracy classes. Our customers all over the world use our weights for routine testing of balances and as primary standards in mass laboratories.



• Design and Construction

All weights are made of premium stainless steel to make them corrosion resistant. Monobloc weights are specially designed for long term stability, and weights with an adjusting cavity provide best value for money. Electrolytic polishing ensures glossy surfaces for anti adhesion effects.

• Technical Specifications

Magnetization and susceptibility of all weights are strictly controlled to ensure compliance with standards. The steel used is vacuum melted and has a density of 8.0 kg/dm³, a homogenous structure, and best purity.

• Shape

Capacity	Shape
5,50,500 mg	
2,20,200 mg	
1,10,100 mg	
1 g - 100 kg	

• Marking

Class	Marking
E1	The shall be indicated on the cover of the case
E2	The shall be indicated on the cover of the case
F1	Engraving the indication on the Weight
F2	Engraving the indication on the Weight
M1	Engraving the indication on the Weight

Standard Accessories.

- Basics Carrying Case Lined Wood
- Tweezers
- Nylon gloves
- Brush
- Cleaning Cloth

OIML R111-2004 Maximum permissible errors for weights = permissible tolerances "Tol ± mg"

Capacity	Shape	E1	E2	F1	F2	M1
1 mg	△	± 0,003 mg	± 0,006 mg	± 0,020 mg	± 0,06 mg	± 0,20 mg
2 mg	△	± 0,003 mg	± 0,006 mg	± 0,020 mg	± 0,06 mg	± 0,20 mg
5 mg	△	± 0,003 mg	± 0,006 mg	± 0,020 mg	± 0,06 mg	± 0,20 mg
10 mg	△	± 0,003 mg	± 0,008 mg	± 0,025 mg	± 0,08 mg	± 0,25 mg
20 mg	△	± 0,003 mg	± 0,010 mg	± 0,03 mg	± 0,10 mg	± 0,3 mg
50 mg	△	± 0,004 mg	± 0,012 mg	± 0,04 mg	± 0,12 mg	± 0,4 mg
100 mg	△	± 0,005 mg	± 0,016 mg	± 0,05 mg	± 0,16 mg	± 0,5 mg
200 mg	△	± 0,006 mg	± 0,020 mg	± 0,06 mg	± 0,20 mg	± 0,6 mg
500 mg	△	± 0,008 mg	± 0,025 mg	± 0,08 mg	± 0,25 mg	± 0,8 mg
1 g	■	± 0,010 mg	± 0,03 mg	± 0,10 mg	± 0,3 mg	± 1,0 mg
2 g	■	± 0,012 mg	± 0,04 mg	± 0,12 mg	± 0,4 mg	± 1,2 mg
5 g	■	± 0,016 mg	± 0,05 mg	± 0,16 mg	± 0,5 mg	± 1,6 mg
10 g	■	± 0,020 mg	± 0,06 mg	± 0,20 mg	± 0,6 mg	± 2,0 mg
20 g	■	± 0,025 mg	± 0,08 mg	± 0,25 mg	± 0,8 mg	± 2,5 mg
50 g	■	± 0,03 mg	± 0,10 mg	± 0,3 mg	± 1,0 mg	± 3,0 mg
100 g	■	± 0,05 mg	± 0,16 mg	± 0,5 mg	± 1,6 mg	± 5,0 mg
200 g	■	± 0,10 mg	± 0,3 mg	± 1,0 mg	± 3,0 mg	± 10 mg
500 g	■	± 0,25 mg	± 0,8 mg	± 2,5 mg	± 8,0 mg	± 25 mg
1 kg	■	± 0,5 mg	± 1,6 mg	± 5,0 mg	± 16 mg	± 50 mg
2 kg	■	± 1,0 mg	± 3,0 mg	± 10 mg	± 30 mg	± 100 mg
5 kg	■	± 2,5 mg	± 8,0 mg	± 25 mg	± 80 mg	± 250 mg
10 kg	■	± 5,0 mg	± 16 mg	± 50 mg	± 160 mg	± 500 mg
20 kg	■	± 10 mg	± 30 mg	± 100 mg	± 300 mg	± 1 000 mg
50 kg	■	± 25 mg	± 80 mg	± 250 mg	± 800 mg	± 2 500 mg
100 kg	■		± 160 mg	± 500 mg	± 1 600 mg	± 5 000 mg

Teste Weigh Set Box

Weight Box Range	Pices	Part No. E1	Part No. E2	Part No. F1	Part No. F2	Part No. M1
1 mg - 500 mg	12	108-22	118-22	128-22	138-22	148-22
1 mg - 200 gm	23	103-04	113-04	123-04	133-04	143-04
1 mg - 2kg	27	103-07	113-07	123-07	133-07	143-07
1 mg - 5 kg	28	103-08	113-08	123-08	133-08	143-08

Superior Accessories

Aluminum Hard Case	Tweezers	Weight Forks	Weight Handles	Miscellaneous Accessories	Weight Trolley

Certification By Accredited Lab

NPL	NABL	RRSL	Dakkas (Germany)	NVLAP	Ukas (USA)
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WORLDWIDEMARKETING

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