



ANALYSIS INSTRUMENTS

WHERE SERVICE AND QUALITY IS OUR FIRST NATURE

STANDARD WEIGHTS

The accuracy class for weights used as standards for the verification of weights or weighing instruments should be in accordance with the requirements of the relevant OIML Recommendations.

The letter "E" for Classes E1 and E2 refers to EXTRA FINE where the letter "F" for Classes F1 and F2 refers to FINE.

The Class F1 and F2 weight bear number indicating the nominal value, but E1 & E2 unmarked.

Duplicated weights are marked with a dot and weight composition is according to OIML recommendations mainly 5-2-2-1 composition.

Weights of class F1 shall not bear any class reference.

Weights equal to or greater than 1 g shall bear, by burnishing or engraving, the indication of their nominal value (not followed by the name or symbol of the unit).

Weights of class F2 equal to or greater than 1 g shall bear their reference class in the form "F" together with the indication of their nominal value.

OUR MAIN RANGE OF WEIGHTS

Class E1

Class	Denomination	pcs
E1	1mg to 500mg	12
E1	1mg to 200g	23
E1	1mg to 500g	24
E1	1mg to 1kg	25
E1	1mg to 2kg	27



Application

E1 Class weights are recommended for primary reference standard for calibration other reference standard and weights. It cannot use in General Laboratory.

We can Provide Calibration Certificate from NABL Accredited Lab (Charges applicable).

Class E2

Class	Denomination	pcs
E2	1mg to 500mg	12
E2	1mg to 200g	23
E2	1mg to 500g	24
E2	1mg to 1kg	25
E2	1mg to 2kg	27





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Class	Denomination	pcs
E2	20kg, 10kg, 5kg, 2kg, 1kg	Each
E2	500g, 200g, 100g, 50g,	Each
E2	20g to 1mg	

Application

E2 Class weights are recommended for the calibration of micro, semi-micro & analytical balances where very high accuracy is required.

E2 Class weights also can use to calibrate F1 Class weights.

We can Provide Calibration Certificate from NABL Accredited Lab (Charges applicable)

Class F1

Class	Denomination	pcs
F1	1mg to 500mg	12
F1	1mg to 200g	23
F1	1mg to 500g	24
F1	1mg to 1kg	25

Class	Denomination	pcs
F1	20kg, 10kg, 5kg, 2kg, 1kg	Each
F1	500g, 200g, 100g, 50g,	Each
F1	20g to 1mg	

Application

F1 Class weights are recommended for calibration High Precision, Top loading balances with readability 0.001g.

F1 Class weights also can be use calibrate F2 Class weights.

F1 We can Provide Calibration Certificate from NABL Accredited Lab (Charges applicable)





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WEIGHTS HANDLING Safety Precautions

Frequency of Use, Care, Handling and environmental condition all play a major role in long term stability of Weights.

- Please be very careful after receive the parcel of weights to open its packing.
- Store in cupboard for protect from dust and atmospheric pollution by glass covers.
- When not in use weights should be also store under cover to keep them as free from contamination as possible.
- Weights should be used in extremely stable environment.
- Never put weight on any surface.
- Never touch the weights with ware hand, Always use with gloves, lifter, tweezers to handle the weights.
- After use keep Weights in the Original Packing Box.
- One set of weights should not be mix with other sets.
- Jingles or falling down is strictly forbidden, in avoid of any scratch or jingle.
- No touch any erosive matters.
- Proper handling method must be used to ensure that the weight is not damaged in use.
- Always weights should be kept properly and carefully.
- If well handled under ideal conditions weights no need to clean.
- Weight of less than 10mg nominal mass should not be cleaned.
- If necessary clean according the class and its proper process.
- After cleaning all weights should be allowed to stabilize.
- When you send weights for calibration / re-calibration weights set must be covered packed in large container or cartons to protect weights and weight case.
- Heavy Weights 10kg & 20kg should be handle with suitable lifters



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