

# F1 Class Stainless Steel Calibration Weights



Designed specifically for calibrating balances, calibrating weights, laboratory use, and as mass standards, the F1 class non-magnetic stainless steel calibration weights provide ultimate accuracy and easy handling. The OIML F1 class weight usually calibrates the balance with accuracy of 1mg.

## FEATURES

- Based on OIML R111
- Density: 7.85g/cm<sup>3</sup>, 7.94g/cm<sup>3</sup>, 8.00g/cm<sup>3</sup>
- Magnetic  $\leq 0.05$ ,  $\leq 0.01$ ,  $\leq 0.0006$
- Highly polished stainless steel

## APPLICATION

- Calibration for balances and weights
- Weights for a clean room
- Validation system for GLP/GMP
- Innovation for HACCP plan
- Density Measurement

## SPECIFICATION

- Accuracy Class: F1
- Material (standard): 304 non-magnetic stainless steel, density is 7.85g/cm<sup>3</sup>, magnetic susceptibility:  $\leq 0.05$
- Material (optional): 316L non-magnetic stainless steel, density is 7.94g/cm<sup>3</sup>, magnetic susceptibility:  $\leq 0.01$
- Material (optional): 321 non-magnetic stainless steel, density is 8.00g/cm<sup>3</sup>, magnetic susceptibility:  $\leq 0.0006$
- Adjusting cavity location: N/A

## COMBINATION LIST FOR WEIGHT SETS

| P/N      | Nominal Value | Total Quantity | Net Weight  | Gross Weight |
|----------|---------------|----------------|-------------|--------------|
| 20KGSET  | 20 kg - 1 mg  | 30 pcs         | 41.111,11 g | 49 kg        |
| 5KGSET   | 5 kg - 1 mg   | 28 pcs         | 11.111,11 g | 18 kg        |
| 2KGSET   | 2 kg - 1 mg   | 27 pcs         | 6.111,11 g  | 9 kg         |
| 1KGSET   | 1 kg - 1 mg   | 25 pcs         | 2.111,11 g  | 3.5 kg       |
| 500GSET  | 500g - 1 mg   | 24 pcs         | 1.111,11 g  | 2.5 kg       |
| 200GSET  | 200g - 1mg    | 23 pcs         | 611.11g     | 1.5 kg       |
| 100GSET  | 100g - 1mg    | 21 pcs         | 211.11g     | 1 kg         |
| 500MGSET | 500 mg - 1mg  | 12 pcs         | 1.11 g      | 1 kg         |
| 25KG     | 25kg          | 1 pc           | 25kg        | 28 kg        |
| 20KG     | 20kg          | 1 pc           | 20kg        | 22 kg        |
| 10KG     | 10kg          | 1 pc           | 10kg        | 12 kg        |
| 5KG      | 5kg           | 1 pc           | 5kg         | 6 kg         |
| 2KG      | 2kg           | 1 pc           | 2kg         | 3 kg         |
| 1KG      | 1kg           | 1 pc           | 1kg         | 2 kg         |
| 500G     | 500 g         | 1 pc           | 500 g       | 1 kg         |
| 200G     | 200 g         | 1 pc           | 200 g       | 0.5 kg       |
| 100G     | 100 g         | 1 pc           | 100 g       | 0.5 kg       |
| 50G      | 50 g          | 1 pc           | 50 g        | 0.5 kg       |
| 20G      | 20 g          | 1 pc           | 20 g        | 0.5 kg       |
| 10G      | 10 g          | 1 pc           | 10 g        | 0.5 kg       |
| 5G       | 5 g           | 1 pc           | 5 g         | 0.5 kg       |
| 2G       | 2 g           | 1 pc           | 2 g         | 0.5 kg       |
| 1G       | 1 g           | 1 pc           | 1 g         | 0.5 kg       |
| 500MG    | 500 mg        | 1 pc           | 500 mg      | 0.5 kg       |
| 200MG    | 200 mg        | 1 pc           | 200 mg      | 0.5 kg       |
| 100MG    | 100 mg        | 1 pc           | 100 mg      | 0.5 kg       |
| 50MG     | 50 mg         | 1 pc           | 50 mg       | 0.5 kg       |
| 20MG     | 20 mg         | 1 pc           | 20 mg       | 0.5 kg       |
| 10MG     | 10 mg         | 1 pc           | 10 mg       | 0.5 kg       |
| 5MG      | 5 mg          | 1 pc           | 5 mg        | 0.5 kg       |
| 2MG      | 2 mg          | 1 pc           | 2 mg        | 0.5 kg       |
| 1MG      | 1 mg          | 1 pc           | 1 mg        | 0.5 kg       |

## SCOPE OF DELIVERY

- F1 class non-magnetic stainless steel calibration weights
- Protective case
- ISO17025 Calibration Cert. (Optional)

## ORDERING MODEL NUMBER

- F1-Part Number- 304
- F1-Part Number- 316L
- F1-Part Number- 321