

Ordering Weights and Weight Sets

1. Please describe your application and tell us what you need to accomplish with the weight(s) or weight set.
2. What is the maximum amount of weight you will need at any one time?
3. What is the minimum amount of weight you will need at any one time?
4. What tolerance are you looking for?
5. Is your tolerance driven by the equipment under test; the application; an internal specification document; or another source?
6. What standard (ASTM or OIML) is required or preferred?
7. What configuration do you need (5-3-2-1 or 5-2-2-1)?
8. Do you need something that is custom manufactured?
9. What is your budget for this project?
10. Tell us about the environment. Is it:
 - a. indoor/outdoor?
 - b. wet/dry?
 - c. windy/still?
 - d. corrosive, hazardous, or explosive?
 - e. a clean room?
 - f. an environment with biohazard, electrostatic or magnetic conditions to consider?
 - g. an environment with other noteworthy conditions? If so, what are they?
11. Are you replacing an existing weight or weight set?
12. If the answer to question number 11 is yes:
 - a. What do you like/dislike about the existing weights?
 - b. What configuration is the existing set?
 - c. What style is the existing set?
 - d. What laboratory documentation is needed for the existing set?
13. Does this weight set need to be Legal for Trade?
14. Do you need ISO/IEC 17025 and ISO 9001 laboratory documentation?
15. If you do not need ISO/IEC 17025 and ISO 9001 laboratory documentation, do you need traceability to NIST?
16. If you do not need any documentation, you still have the option on page 29.
17. If you are getting any of the laboratory documentation above, do you need a recalibration date?

Your existing weights and weight sets should be recertified on a managed periodic basis. The recertification period is determined by a number of factors, including but not necessarily limited to, the environment, frequency of use, demands of the process, quality of the weighing devices in question, age of the weights in question and handling during use.
18. What other precision services/equipment (recalibration, balances, accessories, static electricity) do you use?