

Weight and Calibration Specifications

Rice Lake Weighing Systems metrology staff has participated in NIST/OWM training seminars, regional metrology RMAP groups and round-robin metrology programs with state labs.

Rice Lake's calibration labs have traceability to the SI through NIST.

Weights

Rice Lake offers cast iron weights and three designs of stainless steel weights. Due to varying configurations, the actual appearance of your product may be slightly different than shown on the catalog page. Serial numbers are available for an additional charge. Individual leaf weights should be ordered with protective vial (individual leaf weights are for custom-designed kits).

Weight Sets

Rice Lake offers many configurations for weight sets. A standard set would be as follows:

5-2-2-1: (1) 50g, (2) 20g and (1) 10g

5-3-2-1: (1) 50g, (1) 30g, (1) 20g and (1) 10g

Custom sets are available as build-to-order to meet your specific requirements.

Each weight set consists of the weights, case and/or small weight case (as appropriate), and appropriate lifting design consisting of one or more lifters, tweezers and white cotton gloves.

OIML and ASTM weight sets larger than 500 grams or one pound include a hardwood case with velvet-lined pockets. Cases are available to replace wooden cases if portability is required. Weight sets with the largest weight of 500 grams include a precision-machined polyvinyl, crush resistant case.

Serial numbers are not stamped or engraved on polished weights or milligram weights.

The correct class weight is dependent on the use. Weights should be more accurate than the precision of the weighing device and it is recommended that a weight has an accuracy of one-third (1/3) of the weighing device readability.

Weights Kits

All cylindrical kits (excluding grip handle weights) include their own protective case and glove set for safe handling.

Total Measurement Assurance Program (TMAP)

TMAP has been part of the Rice Lake metrology brand almost since its inception. TMAP covers all phases of our weight manufacturing and metrology groups to ensure that metrology services meet all requirements.

