

PRECISION LABORATORY KITS

OIML CLASSIFICATION



Calibration Turnaround in
4 Days
OR LESS



RICE LAKE[®]
WEIGHING SYSTEMS

To be the best by every measure[®]

800-472-6703
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PRECISION LABORATORY KITS

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Designed specifically for calibrating balances, calibrating weights, laboratory use, and as mass standards, our high-precision calibration weights provide ultimate accuracy and easy handling.

Calibrated weights are traceable to the International System of Units (S.I.) through National Institute of Standards and Technology (NIST). Weights are manufactured to OIML R111-1, 2004 guidelines.

To ensure the highest measurement standards, Rice Lake holds memberships and actively participates in the following organizations:

- National Voluntary Laboratory Accreditation Program
- NIST Mass Measurement Assurance Program
- National Conference on Standards Laboratories
- National Conference on Weights and Measures
- International Society of Weighing and Measurement

Standard Features

- Classes E1 and E2 one-piece design
- Classes F1 and F2 two-piece design
- Highly polished stainless steel
- Class M1 and M2 satin finish
- Density of M1 and M2 is 7.84g/cm³
- Density of F1 and F2 (5g to 20kg) is 7.84g/cm³
- Density of E1, E2 and all other weights is 7.95g/cm³
- 5mg to 1mg are aluminum construction, density is 2.71g/cm³
- Kits include case, weight and glove for 20kg to 1g

Options/Accessories

- Calibration or traceable certificates
- Custom cases for special kits
- Serialization for cases only
- Handling equipment including transfer carts, lifting bars, tweezers and gloves
- Accuracy Statement (Certificate of Accuracy)

OIML Classifications

WEIGHT	E1	E2	F1	F2	M1	M2*
Cylindrical						
20 kg		53850	53654	53655		
10 kg		36871	36870	36869		
5 kg	29785	29775	29765	29755	116207	115926*
2 kg	29784	29774	29764	29754	116206	115925*
1 kg	29783	29773	29763	29753	116205	115924*
500 g	29782	29772	29762	29752	116204	115923*
200 g	29781	29771	29761	29751	116203	115922*
100 g	29780	29770	29760	29750	111927	111934*
50 g	29779	29769	29759	29749	111928	111935*
20 g	29778	29768	29758	29748	111929	111936*
10 g	29777	29767	29757	29747	111930	111937*
5 g	29776	29766	29756	29746	111931	111938*
2 g	29745	29743	29741	29739	111932	111939*
1 g	29744	29742	29740	29738	111933	111940*
Milligram						
500 mg	29737	29731	29725	29719		
200 mg	29736	29730	29724	29718		
100 mg	29735	29729	29723	29717		
50 mg	29734	29728	29722	29716		
20 mg	29733	29727	29721	29715		
10 mg	29732	29726	29720	29714		
5 mg	29713	29710	29707	29704		
2 mg	29712	29709	29706	29703		
1 mg	29711	29708	29705	29702		

*M2 is weight only, not sold as a kit



Kits include carrying cases for weights.

Your Rice Lake Weighing Systems distributor is:

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Specifications subject to change without notice.