

TEST WEIGHTS

NIST Class F



Designed for use in the calibration of scales, Cardinal Scale's test weights have been calibrated using reference standards tested by the State of Missouri Department of Agriculture (**State Test No. 1119 & 1121**) and traceable to the National Institute of Standards & Technology through **NIST Test No. 259883**.

Use these test weights to calibrate an inaccurate scale, or just to make sure your scale is performing as accurately as it should. Calibration weights are available in 1, 5, 25, and 50 lb weights. The 25 and 50 lb test weights come with integral grip handles to ease transport.

Class F test weights are primarily used to test commercial weighing devices by state and local weights and measures officials, device installers, device owners and service technicians. Class F Test Weights may be used to test most accuracy Class III scales, all scales of Class III L or IIII, and scales not marked with a Class designation. Class F weights are also acceptable for use in verifying scales that have 0.1% accuracy or lower.

These test weights are built to Class F field standard specifications. They must be certified by a local Weights & Measures official before use on a legal-for-trade device.

Cardinal Scale certifies that the weights listed below are calibrated to NIST 105-1 Class F Tolerances:



PART NUMBER	DESCRIPTION	MATERIAL	GRIP HANDLE	DIMENSIONS
1110-C006-0A	50 lb Test Weight	Cast Iron with Steel Grip Handle, Painted Finish	•	7.6 in W x 5.8 in D x 6.4 in H (192 mm W x 146 mm D x 162 mm H)
1110-C005-0A	25 lb Test Weight	Cast Iron with Steel Grip Handle, Painted Finish	•	6 in W x 4.1 in D x 6 in H (152 mm W x 103 mm D x 152 mm H)
2WP5	5 lb Test Weight	Cold Rolled Steel, Painted Finish		3.4 in Dia. x 2.2 in H (86 mm Dia. x 56 mm H)
2WP1	1 lb Test Weight	Cold Rolled Steel, Painted Finish		1.5 in Dia. x 2.3 in H (38 mm Dia. x 59 mm H)

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