

Weight Density History

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	Date of Manufacture	Date of Manufacture	Date of Manufacture	Date of Manufacture	Date of Manufacture	Date of Manufacture
Weight Design or Type	Prior to January 1, 1990	January 1, 1990	August 1, 1995	January 1, 2002	October 1, 2002	April 1, 2003
Analytical weights knob type ASTM Class 1 through 7 Type II 1kg-1g	7.84 g/cm ³	7.84 g/cm ³	7.85 g/cm³	7.85 g/cm ³	7.85 g/cm ³	8.03 g/cm³
Analytical weights knob type ASTM Class 1 through 7 Type II 50kg-2kg	7.84 g/cm ³	7.84 g/cm ³	7.85 g/cm³	7.85 g/cm ³	7.85 g/cm ³	7.95 g/cm³
Analytical weights flat sheet metal Type ASTM Class 1 through 4 500mg- 50mg	8.0 g/cm ³	8.0 g/cm ³	7.95 g/cm³	7.95 g/cm ³	7.95 g/cm ³	7.95 g/cm ³
Analytical weights flat sheet metal Type ASTM Class 1 through 4 30mg-1mg	2.7 g/cm ³	2.7 g/cm ³	2.7 g/cm ³	2.7 g/cm ³	2.7 g/cm ³	2.7 g/cm ³
ASTM Class O OIML Class E1 and E2 50kg-1g	Did not manufacture prior to 1990	7.95 g/cm ³	7.95 g/cm ³	8.03 g/cm³	8.03 g/cm ³	8.03 g/cm ³
OIML flat sheet metal weights Class E1 and E2 500mg-10mg	Did not manufacture prior to 1990	8.0 g/cm ³	7.95 g/cm³	7.95 g/cm ³	7.95 g/cm ³	7.95 g/cm ³
OIML stainless weights Class F1, F2 and M1 2kg-1g	Did not manufacture prior to 1990	7.84 g/cm ³	7.85 g/cm³	7.85 g/cm ³	7.85 g/cm ³	8.03 g/cm³
OIML stainless weights Class F1, F2 and M1 50kg-2kg	Did not manufacture prior to 1990	7.85 g/cm ³	7.85 g/cm ³	7.85 g/cm ³	7.85 g/cm ³	7.95 g/cm³
OIML wire weights Class E1, E2, F1, F2, M1 500mg -1mg	Did not manufacture prior to 1990	Did not manufacture prior to 1990	7.95 g/cm ³	7.95 g/cm ³	7.95 g/cm ³	7.95 g/cm ³
Electronic balance calibration weights, stainless steel 35kg-2kg	7.84 g/cm ³	7.84 g/cm ³	7.85 g/cm³	7.85 g/cm ³	7.85 g/cm ³	7.85 g/cm ³
Electronic balance calibration weights, stainless steel 1kg-10g (top beveled edge)	7.85 g/cm ³	7.85 g/cm ³	7.85 g/cm ³	7.85 g/cm ³	7.95 g/cm³	7.95 g/cm ³
Class F stainless steel weights 5kg-1g, 10lb.-.01lb, and 8oz-1/32oz.	7.84 g/cm ³	7.84 g/cm ³	7.85 g/cm³	7.85 g/cm ³	7.85 g/cm ³	7.85 g/cm ³
Class F cast iron weights 30kg-500g and 3000lb.-.5lb	7.2 g/cm ³	7.2 g/cm ³	7.2 g/cm ³	7.2 g/cm ³	7.2 g/cm ³	7.2 g/cm ³
Brass weights	8.39 g/cm ³	8.39 g/cm ³	8.39 g/cm ³	8.39 g/cm ³	8.39 g/cm ³	8.39 g/cm ³



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