

Mass and Related Quantities, BIPM

Calibration or Measurement Service			Measurand Level or Range			Measurement Conditions/Independent Variable		Expanded Uncertainty					Comments
Quantity	Instrument or Artifact	Instrument Type or Method	Minimum value	Maximum value	Units	Parameter	Specifications	Value	Units	Coverage Factor	Level of Confidence	Is the expanded uncertainty a relative one?	
Mass	Prototype kilogram	comparison in air	1	1	kg			7	µg	2	95%	No	The volume of the standard is known
Mass	Mass standards	comparison in air	1	1	kg			20	µg	2	95%	No	The volume of the standard is known
Volume of solid	Mass standard; 0.5 kg to 1 kg	Hydrostatic weighing	23	125	cm ³			0.88	mm ³	2	95%	No	