

Mass and Related Quantities, Paraguay, INTN (Instituto Nacional de Tecnologia y Normalizacion)



Calibration or Measurement Service			Measurand Level or Range			Measurement Conditions/Independent Variable		Expanded Uncertainty					NMI Service Identifier	Comments
Class	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?		
Conventional mass	Mass standards	Direct comparison	1	1	mg	Temperature	23 °C	0.006	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011
						Humidity	40 % to 60 %							
						Pressure	1000 hPa							
Conventional mass	Mass standards	Direct comparison	2	2	mg	Temperature	23 °C	0.006	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011
						Humidity	40 % to 60 %							
						Pressure	1000 hPa							
Conventional mass	Mass standards	Direct comparison	5	5	mg	Temperature	23 °C	0.006	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011
						Humidity	40 % to 60 %							
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Conventional mass	Mass standards	Direct comparison	10	10	mg	Temperature	23 °C	0.008	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011	
						Humidity	40 % to 60 %								
						Pressure	1000 hPa								
Conventional mass	Mass standards	Direct comparison	20	20	mg	Temperature	23 °C	0.010	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011	
						Humidity	40 % to 60 %								
						Pressure	1000 hPa								
Conventional mass	Mass standards	Direct comparison	50	50	mg	Temperature	23 °C	0.012	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011	
						Humidity	40 % to 60 %								
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Conventional mass	Mass standards	Direct comparison	100	100	mg	Temperature	23 °C	0.016	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011	
						Humidity	40 % to 60 %								
						Pressure	1000 hPa								
Conventional mass	Mass standards	Direct comparison	200	200	mg	Temperature	23 °C	0.020	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011	
						Humidity	40 % to 60 %								
						Pressure	1000 hPa								
Conventional mass	Mass standards	Direct comparison	500	500	mg	Temperature	23 °C	0.025	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011	
						Humidity	40 % to 60 %								
						Pressure	1000 hPa								

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Conventional mass	Mass standards	Direct comparison	1	1	g	Temperature	23 °C	0.03	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011
						Humidity	40 % to 60 %							
						Pressure	1000 hPa							
Conventional mass	Mass standards	Direct comparison	2	2	g	Temperature	23 °C	0.04	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011
						Humidity	40 % to 60 %							
						Pressure	1000 hPa							
Conventional mass	Mass standards	Direct comparison	5	5	g	Temperature	23 °C	0.05	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011
						Humidity	40 % to 60 %							
						Pressure	1000 hPa							

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Conventional mass	Mass standards	Direct comparison	10	10	g	Temperature	23 °C	0.06	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011
						Humidity	40 % to 60 %							
						Pressure	1000 hPa							
Conventional mass	Mass standards	Direct comparison	20	20	g	Temperature	23 °C	0.08	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011
						Humidity	40 % to 60 %							
						Pressure	1000 hPa							
Conventional mass	Mass standards	Direct comparison	50	50	g	Temperature	23 °C	0.10	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011
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Conventional mass	Mass standards	Direct comparison	100	100	g	Temperature	23 °C	0.16	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011
						Humidity	40 % to 60 %							
						Pressure	1000 hPa							
Conventional mass	Mass standards	Direct comparison	200	200	g	Temperature	23 °C	0.3	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011
						Humidity	40 % to 60 %							
						Pressure	1000 hPa							
Conventional mass	Mass standards	Direct comparison	500	500	g	Temperature	23 °C	0.8	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011
						Humidity	40 % to 60 %							
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Conventional mass	Mass standards	Direct comparison	1	1	kg	Temperature	23 °C	1.6	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011
						Humidity	40 % to 60 %							
						Pressure	1000 hPa							
Conventional mass	Mass standards	Direct comparison	2	2	kg	Temperature	23 °C	3.0	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011
						Humidity	40 % to 60 %							
						Pressure	1000 hPa							
Conventional mass	Mass standards	Direct comparison	5	5	kg	Temperature	23 °C	8.0	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011
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Conventional mass	Mass standards	Direct comparison	10	10	kg	Temperature	23 °C	16	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011
						Humidity	40 % to 60 %							
						Pressure	1000 hPa							
Conventional mass	Mass standards	Direct comparison	20	20	kg	Temperature	23 °C	30	mg	2	95%	No	ONM-Masa	The density of the weights is assumed to be given by the manufacturer or according to Table B.7 of OIML R 111-1 (E) 2004 Approved on 31 January 2011
						Humidity	40 % to 60 %							
						Pressure	1000 hPa							
Gauge Pressure Oil Medium	Pressure gauge	Direct Comparison	2.0E+05	1.0E+08	Pa	Temperature	(20 ± 2) °C	1.98E-04 p + 2.14E+02	Pa	2	95%	No	ONM - Presión	p pressure in Pa Approved on 27 January 2017