

ACCREDITATION CERTIFICATE

No. LA.02.023

National accreditation body hereby certifies that

complies with the requirements of

**Joint Laboratory of UAB “Nordic
Metrology Science”**

LST EN ISO/IEC 17025:2018

legal entity: UAB „Nordic Metrology Science”
legal entity code: 120229395

and is competent to perform this accredited activity:

calibration of measuring equipment

The scope of accreditation below is an integral part of this certificate. Locations of the conformity assessment body are specified in the scope of accreditation

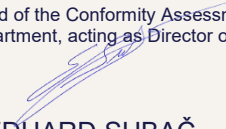
Initial accreditation date: **2001-06-18**

Certificate issued / valid since: **2026-10-22**

Version of: **2026-10-20**

Expiry date: **2031-10-21**

Head of the Conformity Assessment and Accreditation Division of the Accreditation
Department, acting as Director of the Accreditation Department


EDUARD SUBAČ

The certificate may be changed, its validity suspended
or withdrawn by the decision of the National accreditation
body. Information on the actual data of accreditation
certificates may be verified at lasa.lrv.lt



SCOPE OF ACCREDITATION

Joint Laboratory of UAB “Nordic Metrology Science”, accredited in accordance with **LST EN ISO/IEC 17025:2018**

The addresses of the places of performance of activities are provided in the table before indicating the accredited activity performed at a specific address

Calibration and measurement capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (if applicable)
Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
Length	G2-01 2 edition 2026-07-17	Gauge blocks (0, 1, 2 classes (according to ISO 3650))	(0,1...100) mm	$(0,072792 + 1,0472 \cdot L) \mu\text{m}$	L – length, m
Length	G2-06 3 edition 2026-06-17	Accuracy class I length measures	Up to 200 mm	$\sqrt{0,006 + 0,00006 \cdot L^2} \text{ mm}$	L – length, m
Length	G2-06 3 edition 2026-06-17	Length measures, tape measures, rulers, measuring tapes, distance and height measuring instruments	Up to 200 mm (scale division 0,0001 mm) (scale division 0,001 mm)	$\sqrt{0,24^2 + (10,8 \cdot L)^2} \mu\text{m}$ $\sqrt{0,63^2 + (10,8 \cdot L)^2} \mu\text{m}$	L – length, m
			Up to 1 m (scale division 0,01 mm)	0,578 mm	
			From 1 m up to 200 m (scale division 0,01 mm)	$\sqrt{0,578^2 + (0,00577 \cdot (L - 1))^2}, \text{ mm}$	
			Up to 10 m (scale division 1,0 mm)	0,665 mm	
			From 10 m up to 200 m (scale division 1,0 mm)	$\sqrt{0,665^2 + (0,0288 \cdot (L - 1))^2}, \text{ mm}$	
Length	G2-02 2 edition 2021-12-03	Micrometer gauges	Up to 1000 mm Scale division	-	
			10 μm	5,8 μm	
			1 μm	0,58 μm	
			0,5 μm	0,29 μm	
			0,2 μm	0,13 μm	

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Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
Length	G2-05 3 edition 2026-08-10	Calipers	0,1 µm	0,078 µm	-
			Up to 2000 mm		
			Scale division		
			0,01mm	0,013 mm	
			0,02mm	0,026 mm	
Length	G2-03 2 edition 2021-12-03	Sieves: - mesh (silk, synthetic fiber, twisted threads, metal wire) - perforated metal sheet; - bar sieves; - grain sieves	0,05mm	0,065 mm	The uncertainty contribution of the best sieve is not included
			0,1mm	0,13 mm	
			Aperture dimensions (0,02...20) mm	2,2 µm	
			(20...125) mm	20,82 µm	
Length	G2-04 2 edition 2026-08-24	Dial indicators and indicating gauges	Dial indicators up to 200 mm		L – length, m
			Scale division		
			100 µm	129,1 µm	
			10 µm	12,9 µm	
			5 µm	6,46 µm	
			2 µm	2,58 µm	
			1 µm	1,29 µm	
			Dial bore gauges up to 50 mm		
			Scale division		
			100 µm	129,1 µm	
			10 µm	13,4 µm	
			5 µm	7,4 µm	
			2 µm	4,4 µm	
			1 µm	3,7 µm	
Length	G2-15 3 edition 2026-08-04	Thickness measuring instruments	(0...635) mm		-
			Scale division		
			100 µm	57,735 µm	
			10 µm	5,774 µm	
			1 µm	0,580 µm	
				0,697 µm	
			0,1 µm	0,083 µm	
				0,394 µm	
			Thickness standards		
			≤ 0,06 mm	0,238 µm	
Length	G2-12 2 edition 2022-12-03	Welding gauges	> 0,06 mm	0,404 µm	-
			(0...100) mm Scale division		

Calibration and measurement capability (CMC), expressed as:					
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Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
Kampas			0,01 mm	5,8 μm	
			0,1 mm	58 μm	
			1 mm	578 μm	
			Length without a scale	1,6 μm	
			(0 ... 360)°		
			Scale division		
			0,5°	0,29°	
			1°	0,58°	
			5°	2,89°	
			10°	5,77°	
Length	G2-11 2 edition 2026-08-13	Optical measuring instruments	For angle without a scale	0,022°	L – length, m Glass scale gauge blocks
			(0...1000) mm		
			Scale division		
			1 μm	(2,4+0,00224 L) μm	
				0,73 μm	
			10 μm	(6,23+0,00093 L) μm	
				5,79 μm	
			50 μm	(28,96 + 0,00021 L) μm	
				28,87 μm	
			100 μm	(57,78 + 0,0001 L) μm	
Angle				57,7 μm	
			(0 ... 360)°		
			Scale division		
			0,5'	0,35'	
			1'	0,61'	
			10'	5,78'	
			30'	17,32'	
			60'	34,64'	
Angle	G2-17 2 edition 2026-08-03	Spirit levels	up to 2000 mm		-
			Scale division		
			0,01 mm/m	0,007 mm/m	
			0,02 mm/m	0,012 mm/m	
			0,05 mm/m	0,029 mm/m	
			0,1 mm/m	0,058 mm/m	
			0,15 mm/m	0,087 mm/m	
Angle	G2-10 2 edition 2026-08-24	Kampo matai ir kampainiai	(10...100)°	3,3 μm	-
				2,6"	
	G2-09 2 edition 2026-08-12	Angle gauges	(0 ... 360)°		
			Scale division		

Calibration and measurement capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (if applicable)
Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
Angle			0,167´	0,109´	
			- to the horizontal	0,098´	
			0,6´	0,350´	
			- to the horizontal	0,346´	
			1´	0,580´	
			- to the horizontal	0,577´	
			2´	1,156´	
			3´	1,733´	
			5´	2,887´	
			6´	3,464´	
			10´	5,774´	
			12´	6,928´	
			15´	8,660´	
			30´	17,321´	
			60´	34,641´	
			120´	69,282´	
Mass	EURAMET/cg-18 v. 4.0 (11/2015) M2-02 2 edition 2026-08-26	Electronic weighing instruments	Calibrated using weights		R – weighing instrument indication
			I class from 1 mg up to 10 kg with E1, E2 accuracy class weights, where d 0,02 mg up to 0,05 g	(0,0018 + 2,96·10 ⁻⁴ · R) mg	R, g
			II class from 1 mg up to 100 kg with E2, F1 and F2 accuracy class weights, where d from 0,02 mg up to 0,2 g	(0,0036 + 9,5·10 ⁻⁴ · R) mg	
			III class from 1 mg up to 1500 kg with F1, F2 and M1 accuracy class weights, where d from 0,1 mg up to 1 kg	(0,0130 + 2,9·10 ⁻³ · R) mg	
			IIII class from 10 mg up to 1000 kg with M1 accuracy class weights, where d from 0,2 mg up to 1 kg	(0,079 + 8,8·10 ⁻³ · R) mg	

Calibration and measurement capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (if applicable)
Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
Mass	OIML R111-1: 2004 M2-01 2 edition 2026-08-12	Weights E2 accuracy class	(1...20) mg	0,001 mg	-
			50 mg	0,002 mg	
			100 mg	0,002 mg	
			200 mg	0,003 mg	
			500 mg	0,004 mg	
			1 g	0,009 mg	
			2 g	0,011 mg	
			5 g	0,015 mg	
			10 g	0,019 mg	
			20 g	0,025 mg	
			50 g	0,03 mg	
			100 g	0,05 mg	
			200 g	0,10 mg	
			500 g	0,24 mg	
			1 kg	0,48 mg	
			2 kg	1,0 mg	
			5 kg	2,7 mg	
			10 kg	5,3 mg	
Mass	OIML R111-1: 2004 M2-01 2 edition 2026-08-12	Weights F1 accuracy class	(1...100) mg	0,003 mg	-
			20 mg	0,003 mg	
			50 mg	0,003 mg	
			100 mg	0,003 mg	
			200 mg	0,004 mg	
			500 mg	0,006 mg	
			1 g	0,02 mg	
			2 g	0,02 mg	
			5 g	0,03 mg	
			10 g	0,03 mg	
			20 g	0,03 mg	
			50 g	0,05 mg	
			100 g	0,08 mg	
			200 g	0,17 mg	
			500 g	0,41 mg	
			1 kg	0,8 mg	
			2 kg	1,7 mg	
			5 kg	4,7 mg	
			10 kg	9 mg	
Mass	OIML R111-1: 2004		(1...5) mg	0,008 mg	-

Calibration and measurement capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (if applicable)
Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
	M2-01 2 edition 2026-08-12	Weights F2 accuracy class	10 mg	0,01 mg	
			20 mg	0,01 mg	
		Weights	50 mg	0,02 mg	
			100 mg	0,02 mg	
			200 mg	0,03 mg	
			500 mg	0,04 mg	
			1 g	0,04 mg	
			2 g	0,06 mg	
			5 g	0,07 mg	
			10 g	0,09 mg	
			20 g	0,12 mg	
			50 g	0,14 mg	
			100 g	0,2 mg	
			200 g	0,4 mg	
			500 g	1,2 mg	
			1 kg	2 mg	
			2 kg	4 mg	
			5 kg	11 mg	
			10 kg	22 mg	
			20 kg	44 mg	
		Weights M1 accuracy class	(1...5) mg	0,03 mg	
			10mg	0,04 mg	
			20 mg	0,04 mg	
			50 mg	0,06 mg	
			100 mg	0,07 mg	
			200 mg	0,09 mg	
			500 mg	0,11 mg	
			1 g	0,14 mg	
			2 g	0,17 mg	
			5 g	0,21 mg	
			10 g	0,29 mg	
			20 g	0,36 mg	
			50 g	0,44 mg	
			100 g	0,7 mg	
			200 g	1,5 mg	
			500 g	3,7 mg	
Mass	OIML R111-1: 2004 M2-01 2 edition 2026-08-12	Weights M1 accuracy class	1 kg	7 mg	-
			2 kg	15 mg	
			5 kg	37 mg	

Calibration and measurement capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (if applicable)
Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
Force	ISO 376:2011 J2-01 2 edition 2026-06-22	Dynamometers (calibration using weights)	10 kg	74 mg	Calibration is performed only for general-purpose static-force dynamometers F – force, kN Calibration is performed only for general-purpose static-force dynamometers F – measured force value, (kN)
			20 kg	148 mg	
			(0...2) kN	0,02 %	
Force	ISO 376:2011 J2-01 2 edition 2026-06-22	Dynamometers (calibration DO-II-5)	(2...50) kN	(0,166 - 2,92 · 10 ⁻³ F) %	
Force	LST EN ISO 7500-1:2018, excluding clause 6.4.8 J2-02 3 edition 2026-08-27	Force testing machines (calibration using weights)	0,1-1,2 kN	0,084+(-0,069)×(F-0,0001)/1,199 %	
Force	LST EN ISO 7500-1:2018, excluding clause 6.4.8 J2-02 3 edition 2026-08-27	Force testing machines (calibration using dynamometers)	(0,1...2) kN	0,062+(-0,025)×(F-0,1)/1,9 %	
			(2...3) kN	0,037+(-0,007)×(F-2)/1 %	
			(3...5) kN	0,03+(-0,004)×(F-3)/2 %	
			(5...10) kN	0,026+(0,027)×(F-5)/5 %	
			(10...50) kN	0,053+(0,009)×(F-10)/40 %	
			(50...100) kN	0,062+(-0,034)×(F-50)/50 %	
			(100...300) kN	0,028+(-0,001)×(F-100)/200 %	
			(300...400) kN	0,027+(-0,001)×(F-300)/100 %	
			(400...1000) kN	0,026 %	
			(1000...1200) kN	0,026+(0,03)×(F-1000)/200 %	
			(1200...1500) kN	0,056+(-0,001)×(F-1200)/300 %	
Moment of a force	LST EN ISO 6789-1:2017	Torque-measuring wrenches and screwdrivers	(0,2...1) Nm	Indicating torque value	<i>d</i> – scale division, Nm
	LST EN ISO 6789-2:2017 (excluding Annex C)			$\sqrt{1 + \frac{d^2}{X_r^2}} \cdot 1672$ % Torque value determined	<i>X_r</i> – measured value, Nm

Calibration and measurement capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (if applicable)
Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
Moment of a force	LST EN ISO 6789-1:2017 LST EN ISO 6789-2:2017 (excluding Annex C)	Torque-measuring wrenches and screwdrivers	(1...3000) Nm	$\sqrt{1 + \frac{d^2}{X_r^2}} \cdot 833,33 \%$	<i>d – scale division, Nm</i> <i>Xr – measured torque value, Nm</i>
				Indicating torque value	
				$\sqrt{0,25 + \frac{d^2}{X_r^2}} \cdot 1672 \%$	
				Torque value determined	
Rotation period	J2-05 2 edition 2026-06-22	Laboratory centrifuges		$\sqrt{0,25 + \frac{d^2}{X_r^2}} \cdot 833,33 \%$	-
			100 aps./min	0,8 aps./min	
			(100...2000) aps./min	1,2 aps./min	
			(2000...5000) aps./min	2,1 aps./min	
			(5000...10000) aps./min	3,1 aps./min	
			(10000...20000) aps./min	4,1 aps./min	
Temperature Time			(-20 ... +100) °C	1,4 °C	Temperature in the centrifuge chamber
			60 s ... 30 min	1 s	
Rotation period	J2-07 2 edition 2026-06-22	Tachometers	Contact measurement		-
			100 aps./min	0,83 aps./min	
			500 aps./min	0,90 aps./min	
			1000 aps./min	1,80 aps./min	
			3000 aps./min	0,87 aps./min	
			5000 aps./min	1,25 aps./min	
			6000 aps./min	1,68 aps./min	
			8000 aps./min	2,00 aps./min	
Rotation period	J2-07 2 edition 2026-06-22	Tachometers	Non-contact measurement		-
			12 aps./min	0,65 aps./min	
			100 aps./min	0,33 aps./min	
			1000 aps./min	1,80 aps./min	
			25000 aps./min	7,27 aps./min	
			50000 aps./min	8,02 aps./min	
			70000 aps./min	10,52 aps./min	
			90000 aps./min	12,61 aps./min	
			100000 aps./min	14,01 aps./min	

Calibration and measurement capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (if applicable)
Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
Pressure	EURAMET/cg-17 4.1 (09/2022) S2-02 4 edition 2026-08-14	Pressure gauges	(-0,9...0) bar	59 Pa	<i>p</i> - pressure, Pa
			(0...0,025) bar	(0,85 + 4,1 · 10 ⁻⁵ · p) Pa,	
			(0,025...0,7) bar	58 Pa	
			(0,7...2,5) bar	59 Pa	
			(2,5...40) bar	(52+8,06 · 10 ⁻⁵ · p) Pa,	
			(40...700) bar	(4807+1,633 · 10 ⁻⁴ · p) Pa	
			(700...1000) bar	(2616,45+2,04082 · 10 ⁻³ p) Pa	
Pressure	LST EN 12645-2014 86/217EEB EURAMET/cg-17 4.1 (09/2022) S2-02 4 edition 2026-08-14	Vehicle tyre pressure gauges	(0,1...3,5) abs bar	26 Pa	
			(0 ... 1400) kPa	(8,55·10 ⁻¹² ·p ² +4,2·10 ⁻⁵ ·p +35,2) Pa	
Volume	EURAMET/cg-19 v.4.1 (12/2025) V2-03 3 edition 2026-06-09	Volumetric measuring vessels and measures	1 ml	0,0020 ml	-
			2 ml	0,0030 ml	
			5 ml	0,0030 ml	
			10 ml	0,0070 ml	
			20 ml	0,010 ml	
			50 ml	0,017 ml	
			100 ml	0,022 ml	
			200 ml	0,022 ml	
			250 ml	0,040 ml	
			500 ml	0,070 ml	
			1000 ml	0,12 ml	
			2000 ml	0,12 ml	
			5000 ml	0,26 ml	
			10000 ml	0,50 ml	
Volume	LST EN ISO 8655-6:2022 V2-04 3 edition 2023-10-16	Laboratory piston-operated volumetric instruments	1 µl ... 200 ml	(0,0031+1,154·10 ⁻³ ·V) µl	V – volume, µl Uncertainty does not include the dispersion of indications
pH of liquid medium	FC2-01 2 edition 2025-09-12	pH meters with automatic temperature compensation	2 pH	0,00208 pH	When calibrating with reference solutions
			4 pH	0,00208 pH	
			6 pH	0,00208 pH	
			7 pH	0,00208 pH	
			8 pH	0,00208 pH	

Calibration and measurement capability (CMC), expressed as:					
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Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
Oxidation reduction potential difference EMF			9 pH	0,00208 pH	When calibrating using a potentiometer or simulator
			10 pH	0,00208 pH	
			12 pH	0,00208 pH	
			(-1999,9...1999,9) mV	0,0577 mV	
Wavelength Optical absorption	FC2-05 2 edition 2025-02-14	Spectrophotometers, photometers	(279...638) nm	0,17 nm	-
			681 nm	0,18 nm	
			875 nm	0,21 nm	
			0,3 A	0,0029 A	
			0,5 A	0,0033 A	
Electrical conductivity of liquids	FC2-02 2 edition 2026-07-14	Conductivity meters	1,0 A	0,0045 A	When calibrating using a reference resistance box
			0 µS/cm ... 100 mS/cm	0,00577 %	
Electrical conductivity of liquids	FC2-02 2 edition 2026-07-14	Conductivity meters	1,3 µS/cm	0,013 µS/cm	When calibrating with reference solutions
			5 µS/cm	0,05 µS/cm	
			20 µS/cm	0,14 µS/cm	
			84 µS/cm	0,8 µS/cm	
			500 µS/cm	2,95 µS/cm	
			1413 µS/cm	4,04 µS/cm	
			5000 µS/cm	20,01 µS/cm	
			12880 µS/cm	50,0 µS/cm	
Dissolved oxygen concentration in water	FC2-03 2 edition 2026-06-30	Oximeters	80000 µS/cm	208 µS/cm	Indicative values at these temperatures are approximately 10 mg/l, 9 mg/l, 8 mg/l
			(7...11) mg/l	15 °C	
				0,0087 mg/20 °C	
				0,0082 mg/25 °C	
Illumination	FC2-04 2 edition 2021-09-08	Liuxmeters	(5 ... 1200) lx	0,0075 mg/l	-
				Prie 5 lx 0,59 lx prie 50 lx	

Calibration and measurement capability (CMC), expressed as:					
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Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
Gas concentration	LST EN 45544-1:2015 FC2-07 2 edition 2026-08-31	Explosive/flammable gas analyzers, alarms and measuring systems Toxic gas measuring systems and alarms Toxic gas measuring systems and alarms Oxygen analyzers		1,38 lx to 100 lx 2,76 lx to 350 lx 8,92 lx to 500 lx 17,31 lx to 1200 lx 50,44 lx	-
			(0,25 ... 60) vol.% CH ₄	1,1 %	
			(0,03 ... 0,7) vol.% C ₃ H ₈	1,1 %	
			(0,16 ... 1,60) vol.% H ₂	1,1 %	
			(20 ... 2000) vol. ppm CO	1,1 %	
			(20 ... 2000) vol. ppm NO	1,1 %	
			(20 ... 2000) vol. ppm SO ₂	1,1 %	
			(10 ... 250) vol. ppm NO ₂	3,1 %	
			(35 ... 2000) vol. ppm CO ₂	1,1 %	
			(1 ... 50) vol.% CO ₂	1,1 %	
			(1 ... 2000) vol. ppm H ₂ S	3,1 %	
			(5 ... 5000) vol. ppm NH ₃	3,1 %	
			(0,5 ... 10) vol. ppm Cl ₂	2,1 %	
			(10 ... 100) vol. ppm isobutylene	1,1 %	
Light refractive index	FC2-09 2 edition 2024-02-07	Refractometers	(0 ... 25) vol.% O ₂	1,1 %	-
			n _D = (1,33 ... 1,65) When calibrating using reference materials: n _D = 1,33... (0 Brix %) n _D = 1,40... (42 Brix %) n _D = 1,45... (64 Brix %) n _D = 1,47... (74 Brix %) n _D = 1,56... When calibrating using glass refractive index standards n _D = 1,47... n _D = 1,50...	3,06 · 10 ⁻⁵	

Calibration and measurement capability (CMC), expressed as:					
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Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
Angle of rotation of the polarization plane	FC2-08 2 edition 2024-04-16	Polarimeters	$n_D = 1,54...$		
			$n_D = 1,59...$		
			$n_D = 1,62...$		
			$n_D = 1,65...$		
			6 ° 15 °Z 40 ° 99 °Z -40 ° -99 °Z	0,0012° 0,0036°Z	-
Temperature	ISO 386:1997 LST EN 1770:2002 LST EN 1771:2004 OIML R 133:2002 T2-01 3 edition 2025-05-09	Glass thermometers	(-65...300) °C		-
			-65 °C	0,023 °C	
			-38,83 °C	0,016 °C	
			0,01 °C	0,014 °C	
			29,76 °C	0,016 °C	
			231,93 °C	0,021 °C	
			300 °C	0,033 °C	
Temperature	LST EN 13485:2024 T2-02 3 edition 2025-05-09	Digital thermometers	(-80...1200) °C		-
			-80 °C	0,023 °C	
			-38,8 °C	0,016 °C	
			0,01 °C	0,014 °C	
			140 °C	0,016 °C	
			156,6 °C	0,017 °C	
			231,9 °C	0,021 °C	
			419,5 °C	0,033 °C	
			660,3 °C	0,06 °C	
			700 °C	0,15 °C	
Temperature	LST EN 60751:2008 T2-03 2 edition 2025-05-09	Industrial resistance temperature sensors (resistance thermometers)	800 °C	1,3 °C	
			1200 °C	1,3 °C	
			(-75...660) °C		-
			-75 °C	0,024 °C	
			-38,834 °C	0,016 °C	
			0,01 °C	0,014 °C	
			100 °C	0,017 °C	
			156,6 °C	0,018 °C	
Temperature			231,9 °C	0,021 °C	
			419,5 °C	0,035 °C	
			660,323 °C	0,061 °C	
			(20...1200) °C		-

Calibration and measurement capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (if applicable)
Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
	LST EN 285:2015+A1:2021 LST EN 13060:2014+A1:2019 T2-05 3 edition 2026-08-28	Drying ovens, electric furnaces and sterilizers	20 °C	0,35 °C	
			30 °C	0,35 °C	
			50 °C	0,35 °C	
			100 °C	0,35 °C	
			150 °C	0,35 °C	
			200 °C	0,35 °C	
			300 °C	0,35 °C	
			400 °C	0,35 °C	
			550 °C	0,37 °C	
			600 °C	0,37 °C	
			800 °C	0,37 °C	
			1000 °C	0,37 °C	
			1200 °C	1,28 °C	
Temperature	T2-06 2 edition 2025-05-09	Thermostatic baths	(10...95) °C		
			10 °C	0,026 °C	
			25 °C	0,026 °C	
			50 °C	0,026 °C	
			75 °C	0,026 °C	
Temperature	EURAMET cg-13 v.4.0 2017 T2-07 2 edition 2025-05-09	Thermostats	95 °C	0,026 °C	
			(-65...1200) °C		
			-65 °C	0,025 °C	
			-38,8 °C	0,024 °C	
			0,01 °C	0,024 °C	
			156,6 °C	0,026 °C	
			231,9 °C	0,026 °C	
			419,5 °C	0,029 °C	
			660,3 °C	0,033 °C	
			700 °C	0,59 °C	
			800 °C	0,57 °C	
			900 °C	0,56 °C	
Temperature	T2-08 2 edition 2025-05-09	Non-contact thermometers	1100 °C	1,1 °C	
			1200 °C	1,3 °C	
			(-50 ... 1200) °C		
			-50 °C	1,21 °C	
			-25 °C	0,60 °C	
			-10 °C	0,38 °C	
			0 °C	0,25 °C	
			50 °C	0,25 °C	
			80 °C	0,25 °C	
			100 °C	0,25 °C	

Calibration and measurement capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (if applicable)
Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
Temperature	EURAMET cg/8 v. 3.1 (2020) T2-09 2 edition 2022-09-27	Thermoelectric temperature sensors (thermocouples)	300 °C	0,28 °C	-
			400 °C	0,89 °C	
			500 °C	0,92 °C	
			600 °C	0,97 °C	
			800 °C	2,90 °C	
			1000 °C	3,65 °C	
			1200 °C	3,85 °C	
			(-40...1200) °C		
			-40 °C	0,17 °C	
			-38,83 °C	0,16 °C	
			0,01 °C	0,14 °C	
			30,00 °C	0,12 °C	
			157,03 °C	0,096 °C	
			232,00 °C	0,089 °C	
Humidity	T2-10 1 edition 2021-12-03	Relative humidity and air temperature meters	419,53 °C	1,23 °C	-
			660,32 °C	1,31 °C	
			1084,62 °C	1,53 °C	
			1200 °C	1,53 °C	
			(10 ... 98) %		
			10%	0,22%	
			20%	0,43%	
			50%	1,10%	
			70%	1,50%	
			98%	2,20%	
			(-10 ...+ 70) °C		
			-10 °C	0,025 °C	
			0 °C	0,025 °C	
			25 °C	0,024 °C	
DC voltage	E32.3 3 edition 2014-06-23	Calibrators (sources)	50 °C	0,024 °C	U- measured voltage value
			70 °C	0,024 °C	
			(0...100) mV	$(3,8 \cdot 10^{-6} \cdot U + 10^{-4})$ mV	
			(0,1...1) V	$(1,7 \cdot 10^{-6} \cdot U + 0,4 \cdot 10^{-6})$ V	
			(1...10) V	$(1,6 \cdot 10^{-6} \cdot U + 4 \cdot 10^{-6})$ V	
AC voltage	E32.3 3 edition 2014-06-23	Calibrators (sources)	(10 ...100) V	$(2,8 \cdot 10^{-6} \cdot U + 40 \cdot 10^{-6})$ V	U- measured voltage value
			(100 ...1000) V	$(2,9 \cdot 10^{-6} \cdot U + 500 \cdot 10^{-6})$ V	
			(0 ...1) mV		
			20 Hz	$(2,1 \cdot 10^{-3} \cdot U + 4 \cdot 10^{-3})$ mV	
			(20 ...1000) Hz	$(9,8 \cdot 10^{-4} \cdot U + 2 \cdot 10^{-3})$ mV	
			(1 ...10) kHz	$(1,7 \cdot 10^{-3} \cdot U + 4 \cdot 10^{-3})$ mV	

Calibration and measurement capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (if applicable)
Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
			(10 ...100) kHz	$(1,5 \cdot 10^{-3} \cdot U + 20 \cdot 10^{-3})$ mV	
			(1 ...10) mV		
			10 Hz	$(1,2 \cdot 10^{-3} \cdot U + 4 \cdot 10^{-3})$ mV	
			(10...1000) Hz	$(1,7 \cdot 10^{-4} \cdot U + 2 \cdot 10^{-3})$ mV	
			(1 ...10) kHz	$(2,4 \cdot 10^{-4} \cdot U + 4 \cdot 10^{-3})$ mV	
			(10 ...100) kHz	$(7,7 \cdot 10^{-4} \cdot U + 20 \cdot 10^{-3})$ mV	
			(10 ...100) mV		
			(10 ...40) Hz	$(2,3 \cdot 10^{-4} \cdot U + 4 \cdot 10^{-3})$ mV	
			(40 ...1000) Hz	$(1,1 \cdot 10^{-4} \cdot U + 2 \cdot 10^{-3})$ mV	
			(1 ...10) kHz	$(1,1 \cdot 10^{-4} \cdot U + 4 \cdot 10^{-3})$ mV	
			(10 ...100) kHz	$(7,1 \cdot 10^{-4} \cdot U + 20 \cdot 10^{-3})$ mV	
			(0,1 ...1) V		
			(10 ...30) Hz	$(1,1 \cdot 10^{-4} \cdot U + 120 \cdot 10^{-6})$ V	
			(30 ...1000) Hz	$(6,3 \cdot 10^{-5} \cdot U + 20 \cdot 10^{-6})$ V	
			(1 ...10) kHz	$(8,2 \cdot 10^{-5} \cdot U + 20 \cdot 10^{-6})$ V	
			(10 ...30) kHz	$(2,1 \cdot 10^{-4} \cdot U + 40 \cdot 10^{-6})$ V	
			(30 ...100) kHz	$(5,1 \cdot 10^{-4} \cdot U + 200 \cdot 10^{-6})$ V	
			(100 ...300) kHz	$(3,1 \cdot 10^{-3} \cdot U + 2 \cdot 10^{-3})$ V	
			300 kHz ...1 MHz	$(10,1 \cdot 10^{-3} \cdot U + 20 \cdot 10^{-3})$ V	
			(1 ...10) V		
			(10 ...30) Hz	$\dots 1,1 \cdot 10^{-4} \cdot U + 1,2 \cdot 10^{-3})$ V	
			(30 ...1000) Hz	$(6,3 \cdot 10^{-5} \cdot U + 200 \cdot 10^{-6})$ V	
			(1 ...10) kHz	$(8,2 \cdot 10^{-5} \cdot U + 200 \cdot 10^{-6})$ V	
			(10 ...30) kHz	$(2,1 \cdot 10^{-4} \cdot U + 400 \cdot 10^{-6})$ V	
			(30 ...100) kHz	$(5,1 \cdot 10^{-4} \cdot U + 2 \cdot 10^{-3})$ V	
			(100 ...300) kHz	$(3,1 \cdot 10^{-3} \cdot U + 20 \cdot 10^{-3})$ V	
			300 kHz ...1 MHz	$(10,1 \cdot 10^{-3} \cdot U + 200 \cdot 10^{-3})$ V	
			(10 ...100) V		
			(10 ...30) Hz	$(1,1 \cdot 10^{-4} \cdot U + 12 \cdot 10^{-3})$ V	
			(30 ...300) Hz	$(6,8 \cdot 10^{-5} \cdot U + 2 \cdot 10^{-3})$ V	
			(300...1000) Hz	$(6,5 \cdot 10^{-5} \cdot U + 2 \cdot 10^{-3})$ V	
			(1 ...10) kHz	$(8,4 \cdot 10^{-5} \cdot U + 2 \cdot 10^{-3})$ V	
			(10 ...30) kHz	$(2,1 \cdot 10^{-4} \cdot U + 4 \cdot 10^{-3})$ V	
			(30 ...100) kHz	$(5,1 \cdot 10^{-4} \cdot U + 20 \cdot 10^{-3})$ V	
			(100 ...1000) V		
			(10 ...40) Hz	$(1,1 \cdot 10^{-4} \cdot U + 20 \cdot 10^{-3})$ V	
			40 Hz ...10 kHz	$(9,0 \cdot 10^{-5} \cdot U + 20 \cdot 10^{-3})$ V	
			(10 ...30) kHz	$(2,1 \cdot 10^{-4} \cdot U + 40 \cdot 10^{-3})$ V	
			(30 ...100) kHz	$(5,1 \cdot 10^{-4} \cdot U + 0,2)$ V	

Calibration and measurement capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (if applicable)
Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
DC current	E32.3 3 edition 2014-06-23	Calibrators (sources)	To 100 μ A	$(8,2 \cdot 10^{-6} \cdot I + 4 \cdot 10^{-4}) \mu$ A	I-measured current value
			(0,1 ...1) mA	$(8,3 \cdot 10^{-6} \cdot I + 4 \cdot 10^{-6})$ mA	
			(1 ...10) mA	$(7,9 \cdot 10^{-6} \cdot I + 40 \cdot 10^{-6})$ mA	
			(10 ...100) mA	$(3,1 \cdot 10^{-5} \cdot I + 8 \cdot 10^{-4})$ mA	
			(0,1 ...1) A	$(1,3 \cdot 10^{-4} \cdot I + 16 \cdot 10^{-6})$ A	
AC current	E32.3 3 edition 2014-06-23	Calibrators (sources)	(1 ...10) A	$(3,0 \cdot 10^{-4} \cdot I + 4 \cdot 10^{-4})$ A	I-measured current value
			(0 ...100) μ A		
			(10 ...1000) Hz	$(2,6 \cdot 10^{-4} \cdot I + 20 \cdot 10^{-3}) \mu$ A	
			(1 ...5) kHz	$(2,8 \cdot 10^{-4} \cdot I + 20 \cdot 10^{-3}) \mu$ A	
			(0,1 ...1) mA		
			10 Hz ...5 kHz	$(2,6 \cdot 10^{-4} \cdot I + 2 \cdot 10^{-4})$ mA	
			(1 ...10) mA		
			10 Hz ...5 kHz	$(2,6 \cdot 10^{-4} \cdot I + 2 \cdot 10^{-3})$ mA	
			(0,1 ...100) mA		
			10 Hz ...5 kHz	$(2,6 \cdot 10^{-4} \cdot I + 20 \cdot 10^{-3})$ mA	
			(0,1 ...1) A		
			(10 ...1000) Hz	$(6,1 \cdot 10^{-4} \cdot I + 2 \cdot 10^{-4})$ A	
			(1 ...5) kHz	$(7,1 \cdot 10^{-4} \cdot I + 2 \cdot 10^{-4})$ A	
			(1 ...10) A		
			(40 ...1000) Hz	$(8,1 \cdot 10^{-4} \cdot I + 2 \cdot 10^{-3})$ A	
Resistance	E32.3 3 edition 2014-06-23	Calibrators (sources) and resistance boxes	(1 ...10) kHz	$(2,6 \cdot 10^{-3} \cdot I + 2 \cdot 10^{-3})$ A	R- measured resistance value
			(0 ...1,0) Ω	$(4,9 \cdot 10^{-6} \cdot R + 4 \cdot 10^{-6}) \Omega$	
			(1 ...10,0) Ω	$(5,1 \cdot 10^{-6} \cdot R + 1,4 \cdot 10^{-5}) \Omega$	
			(10 ...100,0) Ω	$(4,6 \cdot 10^{-6} \cdot R + 5 \cdot 10^{-5}) \Omega$	
			(0,1 ...1) k Ω	$(4,1 \cdot 10^{-6} \cdot R + 5 \cdot 10^{-7})$ k Ω	
			(1 ...10) k Ω	$(4,1 \cdot 10^{-6} \cdot R + 5 \cdot 10^{-6})$ k Ω	
			(10 ...100) k Ω	$(4,7 \cdot 10^{-6} \cdot R + 2,5 \cdot 10^{-5})$ k Ω	
			(0,1 ...1) M Ω	$(6,6 \cdot 10^{-6} \cdot R + 10^{-6})$ M Ω	
			(1 ...10) M Ω	$(10 \cdot 10^{-6} \cdot R + 10^{-4})$ M Ω	
			(10 ...100) M Ω	$(3,3 \cdot 10^{-5} \cdot R + 0,01)$ M Ω	
DC voltage	EURAMET cg-15 v.3.0 2015 - applicable only to digital measuring instruments E23.3 4 edition 2023-01-04	Digital and analogue multimeters	(0 ...100) mV	$(3,6 \cdot 10^{-6} \cdot U + 4,0 \cdot 10^{-4})$ mV	U – meter indication
			(0,1 ...1) V	$(2,8 \cdot 10^{-6} \cdot U + 0,64 \cdot 10^{-6})$ V	
			(1 ...10) V	$(2,1 \cdot 10^{-6} \cdot U + 2,4 \cdot 10^{-6})$ V	
			1 V	$1,5 \cdot 10^{-6}$ V	
			10 V	$1,5 \cdot 10^{-5}$ V	
			(10 ...100) V	$(3,6 \cdot 10^{-6} \cdot U + 40 \cdot 10^{-6})$ V	
			(100 ...1000) V	$(4,2 \cdot 10^{-6} \cdot U + 400 \cdot 10^{-6})$ V	
AC voltage	EURAMET cg-15	Digital and analogue multimeters	(0 ...1) mV		

Calibration and measurement capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (if applicable)
Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
	v.3.0 2015 - applicable only to digital measuring instruments E23.3 4 edition 2023-01-04		(10 ...55) Hz	$(3,4 \cdot 10^{-3} \cdot U + 4,32 \cdot 10^{-3})$ mV	U – meter indication
			55 Hz ...1 kHz	$(1,0 \cdot 10^{-3} \cdot U + 4,32 \cdot 10^{-3})$ mV	
			(1 ...10) kHz	$(2,9 \cdot 10^{-3} \cdot U + 4,32 \cdot 10^{-3})$ mV	
			(10 ...100) kHz	$(1,85 \cdot 10^{-2} \cdot U + 4,32 \cdot 10^{-3})$ mV	
			(1 ...10) mV		
			(10 ...55) Hz	$(1,25 \cdot 10^{-3} \cdot U + 4,32 \cdot 10^{-3})$ mV	
			55 Hz ...1 kHz	$(1,60 \cdot 10^{-4} \cdot U + 4,32 \cdot 10^{-3})$ mV	
			(1 ...10) kHz	$(3,54 \cdot 10^{-4} \cdot U + 4,32 \cdot 10^{-3})$ mV	
			(10 ...100) kHz	$(2,45 \cdot 10^{-3} \cdot U + 4,32 \cdot 10^{-3})$ mV	
			(10 ...100) mV		
			(10 ...31) Hz	$(2,35 \cdot 10^{-4} \cdot U + 7,2 \cdot 10^{-3})$ mV	
			(32 ...300) Hz	$(2,12 \cdot 10^{-4} \cdot U + 7,2 \cdot 10^{-3})$ mV	
			300 Hz ...1 kHz	$(9,00 \cdot 10^{-5} \cdot U + 7,2 \cdot 10^{-3})$ mV	
			(1 ...10) kHz	$(1,07 \cdot 10^{-4} \cdot U + 7,2 \cdot 10^{-3})$ mV	
			(10 ...100) kHz	$(8,85 \cdot 10^{-4} \cdot U + 7,2 \cdot 10^{-3})$ mV	
			(0,1 ...1) V		
			(10 ...31) Hz	$(2,23 \cdot 10^{-4} \cdot U + 2,4 \cdot 10^{-5})$ V	
			(32 ...300) Hz	$(1,97 \cdot 10^{-4} \cdot U + 1,6 \cdot 10^{-5})$ V	
			300 Hz ...1 kHz	$(8,10 \cdot 10^{-5} \cdot U + 8,0 \cdot 10^{-6})$ V	
			(1 ...10) kHz	$(1,07 \cdot 10^{-4} \cdot U + 8,0 \cdot 10^{-6})$ V	
			(10 ...100) kHz	$(7,00 \cdot 10^{-4} \cdot U + 1,6 \cdot 10^{-5})$ V	
			100 kHz ...1 MHz	$(3,08 \cdot 10^{-2} \cdot U + 3,2 \cdot 10^{-4})$ V	
			(1 ...10) V		
			(10 ...31) Hz	$(2,18 \cdot 10^{-4} \cdot U + 2,4 \cdot 10^{-4})$ V	
			(32 ...300) Hz	$(1,95 \cdot 10^{-4} \cdot U + 1,6 \cdot 10^{-4})$ V	
			300 Hz ...1 kHz	$(7,75 \cdot 10^{-5} \cdot U + 8,0 \cdot 10^{-5})$ V	
			(1 ...30) kHz	$(1,74 \cdot 10^{-4} \cdot U + 8,0 \cdot 10^{-5})$ V	
			(30 ...100) kHz	$(6,97 \cdot 10^{-4} \cdot U + 1,6 \cdot 10^{-4})$ V	
			100 kHz ...1 MHz	$(3,07 \cdot 10^{-2} \cdot U + 4,0 \cdot 10^{-3})$ V	
			(10 ...100) V		
			(10 ...31) Hz	$(2,26 \cdot 10^{-4} \cdot U + 2,4 \cdot 10^{-3})$ V	
			(32 ...300) Hz	$(2,00 \cdot 10^{-4} \cdot U + 1,6 \cdot 10^{-3})$ V	
			300 Hz ...1 kHz	$(8,60 \cdot 10^{-5} \cdot U + 8,0 \cdot 10^{-4})$ V	
			(1 ...10) kHz	$(1,10 \cdot 10^{-4} \cdot U + 8,0 \cdot 10^{-4})$ V	
			(10 ...100) kHz	$(6,93 \cdot 10^{-4} \cdot U + 2,4 \cdot 10^{-3})$ V	
			(100 ...1000) V		
			(32 ...300) Hz	$(1,69 \cdot 10^{-4} \cdot U + 1,6 \cdot 10^{-2})$ V	
			300 Hz ...3 kHz	$(1,25 \cdot 10^{-4} \cdot U + 1,6 \cdot 10^{-2})$ V	
			(3 ...30) kHz	$(1,47 \cdot 10^{-4} \cdot U + 1,6 \cdot 10^{-2})$ V	

Calibration and measurement capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (if applicable)
Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
DC current	EURAMET cg-15 v.3.0 2015 - applicable only to digital measuring instruments E23.3 4 edition 2023-01-04	Digital and analogue multimeters	(30 ...100) kHz	$(8,13 \cdot 10^{-4} \cdot U + 3,2 \cdot 10^{-2})$ V	I - meter indication
			(0 ...100) μ A	$(4,39 \cdot 10^{-5} \cdot I + 1,6 \cdot 10^{-3})$ μ A	
			(0,1 ...1) mA	$(1,93 \cdot 10^{-5} \cdot I + 8,0 \cdot 10^{-6})$ mA	
			(1 ...10) mA	$(1,93 \cdot 10^{-5} \cdot I + 8,0 \cdot 10^{-5})$ mA	
			(10 ...100) mA	$(3,78 \cdot 10^{-5} \cdot I + 8,0 \cdot 10^{-4})$ mA	
			(0,1 ...1) A	$(1,45 \cdot 10^{-4} \cdot I + 16 \cdot 10^{-6})$ A	
AC current	EURAMET cg-15 v.3.0 2015 - applicable only to digital measuring instruments E23.3 4 edition 2023-01-04	Digital and analogue multimeters	(1 ...10) A	$(3,10 \cdot 10^{-4} \cdot I + 400 \cdot 10^{-6})$ A	I - meter indication
			(0 ...100) μ A		
			10 Hz ...1 kHz	$(4,45 \cdot 10^{-4} \cdot I + 4,8 \cdot 10^{-3})$ μ A	
			(1 ...5) kHz	$(4,84 \cdot 10^{-4} \cdot I + 6,4 \cdot 10^{-3})$ μ A	
			(0,1 ...1) mA		
			10 Hz ...1 kHz	$(4,24 \cdot 10^{-4} \cdot I + 4,8 \cdot 10^{-5})$ mA	
			(1 ...5) kHz	$(4,35 \cdot 10^{-4} \cdot I + 4,8 \cdot 10^{-5})$ mA	
			(1 ...10) mA		
			10 Hz ...1 kHz	$(4,24 \cdot 10^{-4} \cdot I + 4,8 \cdot 10^{-4})$ mA	
			(1 ...5) kHz	$(4,35 \cdot 10^{-4} \cdot I + 4,8 \cdot 10^{-4})$ mA	
			(10 ...100) mA		
			10 Hz...1 kHz	$(43,4 \cdot 10^{-5} \cdot I + 4,8 \cdot 10^{-3})$ mA	
			1 kHz...5 kHz	$(43,4 \cdot 10^{-5} \cdot I + 4,8 \cdot 10^{-3})$ mA	
			(0,1 ...1) A		
			10 Hz...1 kHz	$(8,00 \cdot 10^{-4} \cdot I + 48 \cdot 10^{-6})$ A	
			(1 ...5) kHz	$(9,25 \cdot 10^{-4} \cdot I + 64 \cdot 10^{-6})$ A	
Resistance 4 wires	EURAMET cg-15 v.3.0 2015 - - applicable only to digital measuring instruments E23.3 4 edition 2023-01-04	Digital and analogue multimeters	(1 ...10) A		R - meter indication
			(10 ...1000) Hz	$(1,06 \cdot 10^{-3} \cdot I + 9,6 \cdot 10^{-4})$ A	
			(1 ...5) kHz	$(2,78 \cdot 10^{-4} \cdot I + 1,2 \cdot 10^{-3})$ A	
			(5 ...10) kHz	$(2,79 \cdot 10^{-4} \cdot I + 4,8 \cdot 10^{-3})$ A	
			(0 ...10,0) Ω	$13 \cdot 10^{-6} \cdot R$ Ω	
			(10 ...100,0) Ω	$6,9 \cdot 10^{-6} \cdot R$ Ω	
			(0,1 ...10) k Ω	$5,2 \cdot 10^{-6} \cdot R$ k Ω	
			(10 ...100) k Ω	$7,8 \cdot 10^{-6} \cdot R$ k Ω	
			(0,1 ...1) M Ω	$17 \cdot 10^{-6} \cdot R$ M Ω	
			(1 ...10) M Ω	$32 \cdot 10^{-6} \cdot R$ M Ω	
			(10 ...100) M Ω	$202 \cdot 10^{-6} \cdot R$ M Ω	
			0,001 Ω	$6 \cdot 10^{-6} \cdot R$ Ω	
			0,01 Ω	$6 \cdot 10^{-6} \cdot R$ Ω	
			0,1 Ω	$6 \cdot 10^{-6} \cdot R$ Ω	
			1 Ω	$4 \cdot 10^{-6} \cdot R$ Ω	
			10 Ω	$5 \cdot 10^{-6} \cdot R$ Ω	

Calibration and measurement capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (if applicable)
Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
Resistance 2 wires	EURAMET cg-15 v.3.0 2015 - - applicable only to digital measuring instruments E23.3 4 edition 2023-01-04	Digital and analogue multimeters	100 Ω	$5 \cdot 10^{-6} \cdot R \ \Omega$	R - meter indication
			1000 Ω	$5 \cdot 10^{-6} \cdot R \ \Omega$	
			10000 Ω	$7 \cdot 10^{-6} \cdot R \ \Omega$	
			100000 Ω	$7 \cdot 10^{-6} \cdot R \ \Omega$	
			1000000 Ω	$7 \cdot 10^{-6} \cdot R \ \Omega$	
			(0 ... 10) Ω	$(4,0 \cdot 10^{-6} \cdot R + 0,0084) \ \Omega$	
			(10 ... 1000) Ω	$8,5 \cdot 10^{-5} \cdot R \ \Omega$	
			(1 ... 10) k Ω	$1,2 \cdot 10^{-5} \cdot R \ k\Omega$	
			(10 ... 100) k Ω	$8,1 \cdot 10^{-6} \cdot R \ k\Omega$	
			(0,1 ... 1) M Ω	$17 \cdot 10^{-6} \cdot R \ M\Omega$	
			(1 ... 10) M Ω	$32 \cdot 10^{-6} \cdot R \ M\Omega$	
			(10 ... 100) M Ω	$202 \cdot 10^{-6} \cdot R \ M\Omega$	
			(0,75 ... 4) nF	$(0,6 \cdot 10^{-2} \cdot C + 0,015) \ nF$	C - meter indication
Electrical capacity	EURAMET cg-15 v.3.0 2015 - - applicable only to digital measuring instruments E23.3 4 edition 2023-01-04	Digital and analogue multimeters	(4 ... 40) nF	$(0,45 \cdot 10^{-2} \cdot C + 0,030) \ nF$	
			(40 ... 400) nF	$(0,43 \cdot 10^{-2} \cdot C + 0,160) \ nF$	
			(0,4 ... 4) μF	$(0,56 \cdot 10^{-2} \cdot C + 0,0016) \ \mu F$	
			(4 ... 40) μF	$(0,69 \cdot 10^{-2} \cdot C + 0,016) \ \mu F$	
			(40 ... 400) μF	$(0,69 \cdot 10^{-2} \cdot C + 0,160) \ \mu F$	
			(0,4 ... 4) mF	$(0,69 \cdot 10^{-2} \cdot C + 0,0016) \ mF$	
			(4 ... 40) mF	$(1,5 \cdot 10^{-2} \cdot C + 0,060) \ mF$	
			(4 ... 40) mF	$(1,5 \cdot 10^{-2} \cdot C + 0,060) \ mF$	
Frequency	EA1.3 2 edition 2025-04-23	Electronic and digital frequency meters	From 0,1 Hz to 1 MHz	$5 \cdot 10^{-9} \cdot f \ Hz$	Sine-wave signal. Comparison method f – measured frequency, Hz
			(1 ... 300) MHz	$3 \cdot 10^{-8} \cdot f \ Hz$	
			(0,1 ... 100) Hz	$(5 \cdot 10^{-5} \dots 1 \cdot 10^{-7}) \cdot f \ Hz$	
			100 Hz ... 300 MHz	$(1 \cdot 10^{-7} \dots 6 \cdot 10^{-8}) \cdot f \ Hz$	
			100 Hz ... 300 MHz	$(1 \cdot 10^{-7} \dots 6 \cdot 10^{-8}) \cdot f \ Hz$	
Time (period)	EA1.3 2 edition 2025-04-23	Electronic and digital frequency meters	1 μs ... 10 s	$5 \cdot 10^{-9} \cdot T \ s$	Comparison method T – measured period, s
			3,3 ns ... 1 μs	$3 \cdot 10^{-8} \cdot T \ s$	
			3,3 ns ... 1 s	$1,4 \cdot 10^{-7} \cdot T \ s$	
			(1 ... 10) s	$4 \cdot 10^{-5} \cdot T \ s$	
			(1 ... 10) s	$4 \cdot 10^{-5} \cdot T \ s$	

Calibration and measurement capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (if applicable)
Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
			200 ns ... 9 s	$4 \cdot 10^{-7} \cdot T$ s	Comparison method Pulse signal T – measured period, s
			200 ns ... 100 μ s	$4 \cdot 10^{-7} \cdot T$ s	Direct method Pulse signal T – measured period, s
			100 μ s ... 1s	$7 \cdot 10^{-6} \cdot \Delta T$ s	Comparison method ΔT – measured interval, s
			(1 ... 10) s	$4 \cdot 10^{-7} \cdot \Delta T$ s	
			(10 ... 10000) s	$10^{-8} \cdot \Delta T$ s	
Time (interval)	EA.1.3 2 edition 2025-04-23	Electronic and digital frequency meters	(1 ... 10) s	7 μ s	Direct method ΔT – measured interval, s
			(10 ... 10000) s	$10^{-6} \cdot \Delta T$ s	
			100 ns ... 10 ms	0,7 ns	Comparison method
			10 ms ... 1 s	$4 \cdot 10^{-7} \cdot r$ s	r – measured duration, s
			(1 ... 10) s	$10^{-8} \cdot r$ s	Direct method
Time (pulse duration)	EA.1.3 2 edition 2025-04-23	Electronic and digital frequency meters	100 ns ... 1 μ s	0,02 ns	
			1 μ s ... 10 ms	6,0 ns	
			0,1 Hz ... 300 MHz	$1 \cdot 10^{-9} \cdot f$ Hz	Stabilized-frequency generators f -measured frequency, Hz
				$1 \cdot 10^{-7} \cdot f$ Hz	LRC type generators
			3,3 ns ... 10 s	$1 \cdot 10^{-9} \cdot T$ s	Stabilized-frequency generators T- measured period, s
Frequency (time)	EA2.3 2 edition 2026-06-02	Sine-wave signal generators, frequency synthesizers and voltage calibrators		$1 \cdot 10^{-7} \cdot T$ s	LRC type generators

Calibration and measurement capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (if applicable)
Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
Frequency	EA2.3 2 edition 2026-06-02	Sine-wave signal generators, frequency synthesizers and voltage calibrators	5 MHz, 10 MHz	$1 \cdot 10^{-9} \cdot f$ Hz	Reference stabilized-frequency generators
Time (period) Time (interval) Time (pulse duration)	EA3.3 2 edition 2025-05-21	Pulse generators	100 ns ...9 s	$6 \cdot 10^{-9} \cdot T$ s	Stabilized-frequency generators T- measured period, s
				$1 \cdot 10^{-7} \cdot T$ s	LRC type generators
			100 ns ...10 s	$6 \cdot 10^{-9} \cdot \Delta T + 2$ ns	ΔT – measured interval, s
			10 s ...10000 s	$6 \cdot 10^{-9} \cdot \Delta T$ s	
Voltage (vertical emissivity)	EURAMET cg-7 v. 2.0 (09/2025) EA4.3 3 edition 2026-08-04	Digital oscilloscopes	100 ns ...10 s	$6 \cdot 10^{-9} \cdot \tau + 2$ ns	Stabilized-frequency generators τ -measured duration, s
			100 ns ...10 s	$6 \cdot 10^{-9} \cdot \tau + 2$ ns	
			1 mV/pad.	5,30 %	Direct method
			2 mV/pad.	3,60 %	
			5 mV/pad.	0,70 %	
			10 mV/pad.	1,00 %	
			20 mV/pad.	1,10 %	
			50 mV/pad.	1,50 %	
			100 mV/pad.	1,20 %	
			200 mV/pad.	1,10 %	
			500 mV/pad.	1,70 %	
			1 V/pad.	1,30 %	
			2 V/pad.	1,10 %	
			5 V/pad.	1,90 %	
			10 V/pad.	1,40 %	
Time (horizontal propagation coefficient)	EURAMET cg-7 v. 2.0 (09/2025) EA4.3 3 edition 2026-08-04	Digital oscilloscopes	1 mV/pad. ...50 V/pad.	0,2 %	Comparison method
		Analog oscilloscopes	1 mV/pad. ...50 V/pad.	6 %	Direct method
		Digital oscilloscopes	10 ns/pad ...10 s/pad	0,3 %	Direct method
		Digital oscilloscopes	10 ns/pad ...10 s/pad	0,2 %	Comparison method
		Analog oscilloscopes	10 ns/pad ...10 s/pad	6 %	Direct method
		Digital oscilloscopes	8 mV ...80 V	0,3 %	-

Calibration and measurement capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (If applicable)
Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
Voltage (signal amplitude)	cg-7 v. 2.0 (09/2025) EA4.3	Analog oscilloscopes	8 mV ...80 V	6 %	
Time (time interval)	3 edition 2026-08-04	Digital oscilloscopes	100 ns ...10 s	0,2 %	
		Analog oscilloscopes	100 ns ...10 s	6 %	
Time (pulse duration)		Digital oscilloscopes	100 ns ...1 s	$(0,002 \cdot \tau + 0,6 \cdot 10^{-9})$ s	τ – measured duration, s
		Analog oscilloscopes	100 ns ...1 s	6 %	
Speed	EA5.3	Tachograph testing instruments	(10 ... 250) km/h	(0,00002 ...0,0006) km/h	-
Distance	1 edition 2015-01-10		1000 m	0,41 m	k = 2500 imp/km
			1000 m	0,13 m	k = 8000 imp/km
			1000 m	0,05 m	k = 24000 imp/km
Time			(-120 ... +120) s/ per day	0,12 s	-
Sound pressure level and frequency	LST EN IEC 60942:2018 AV4.3 5 edition 2023-10-31	Sound level calibrators	(94; 114; 124) dB (250; 1000) Hz	0,12 dB $2,8 \cdot 10^{-5} - 0,004 f$ Hz	Using reference microphones; f – frequency, Hz
Sound pressure level	AV3.3 3 edition 2023-10-31	Sound level meters	(94; 114; 124) dB	0,12 dB	f=1000 Hz with an acoustic calibrator.
			114 dB	0,12 dB	f=250 Hz with an acoustic calibrator
			(50 ... 140) dB	0,18 dB	f (20 – 8000) Hz in a microphone coupler
			(0 ... 140) dB	0,10 dB	f (10 mHz ... 200 kHz) using the electrical excitation method

Calibration and measurement capability (CMC), expressed as:						
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)		Measurement uncertainty	Other parameters (If applicable)
Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius						
Sound pressure level	LST EN 61672-1:2014 LST EN 61672-3:2014, excluding clause 11.1 AV3.3, 3 edition 2023-10-31	Sound level meters	(0 ... 140) dB		0,10 dB	f (10 mHz ... 200 kHz) using the electrical excitation method
			(50 ... 140) dB		0,18 dB	f (20 – 8000) Hz using the acoustic excitation method
Vibration acceleration, speed, amplitude	ISO 8041-1:2017 AV2.3 5 edition 2024-11-28	Vibration measurement instruments	0,1...100) m/s ² (0,3...300) mm/s (1...3000) μm	5,012 Hz	2 %	-
				(10...15,85) Hz	1,4 %	
				(19,95...2000) Hz	1,2 %	
Sensor sensitivity	ISO 16063-21:2003 ISO 16063-21:2003/Amd 1:2016 ISO 16063-21:2003/Cor 1:2009 AV2.3, 5 edition 2024-11-28	Vibration sensors	(0,5...1000 0) mV/m/s ²	5,012 Hz	1 %	-
				(10 ... 15,85) Hz	0,8 %	
				(19,95 ... 2000) Hz	0,7 %	
Vibration acceleration, speed, amplitude	ISO 16063-44:2018	Portable vibration calibrators	(0,1...200) m/s ² (0,3...300) mm/s (1...3000) μm	5,012 Hz	1,2 %	-
				(10...2000) Hz	0,8 %	
Vibration acceleration, speed, amplitude	AV1.3, 4 edition 2022-12-02	Vibration calibrators	(0,1...200) m/s ² (0,3...300) mm/s (1...3000) μm (5,012 ... 2000) Hz	5,012 Hz	1,2 %	-
				(10... 2000) Hz	0,8 %	
				5,012 Hz	2,9 %	
				(10 ... 2000) Hz	0,006 %	

Calibration and measurement capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (If applicable)
Vilnius Regional Laboratory, activity location address: Dariaus ir Girėno str. 38, 02189 Vilnius					
Power of individual dose equivalent $H_p(10)$	R2.3 2 edition 2025-03-26 LST EN ISO 4037-3:2019, LST EN ISO 29661:2018	Personal dose equivalent rate dosimeters	from 7e-6 Sv/h to 11e-3 Sv/h (7mSv/h – 11mSv/h)	5,1 %	Personal dose equivalent rate $H_p(10)$
Ambient dose equivalent power	R1.3, 5 edition 2025-02-28 ISO 4037-1:2019 ISO 4037-2:2019 ISO 4037-3:2019 LST EN 60846-1:2015	Ambient dose equivalent rate meters	(1,9 ... 99,99) μ Sv/h d = 0,01 μ Sv/h (1,9 ... 999,9) μ Sv/h d = 0,1 μ Sv/h (10 ... 9999) μ Sv/h d = 1 μ Sv/h (100 ... 10000) μ Sv/h d = 10 μ Sv/h	5,1 %	Ambient dose equivalent rate Direct method R- meter indication, d- scale division

Calibration and Measurement Capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (If applicable)
Kaunas Regional Laboratory, activity location address: S. Raštikio g. 26, 50130 Kaunas					
Mass	EURAMET/cg-18 v. 4.0 (11/2015) M2-02 2 edition 2026-08-26	Electronic weighing instruments	Calibrated using weights I class from 1 mg up to 10 kg with E2 accuracy class weights, where d 0,02 mg up to 0,05 g II class from 1 mg up to 100 kg with E2, F1 and F2 accuracy class weights, where d from 0,02 mg up to 0,2 g III class	 (0,0036+9,4·10 ⁻⁴ ·R) mg (0,013+3,0·10 ⁻³ ·R) mg (0,0092+8,8·10 ⁻⁶ ·R) g	R – weighing instrument indication R, g

Calibration and Measurement Capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (If applicable)
Kaunas Regional Laboratory, activity location address: S. Raštikio g. 26, 50130 Kaunas					
Mass	OIML R111-1: 2004 M2-01 2 edition 2026-08-12	Weights F1 accuracy class	from 1 mg up to 1500 kg with F1, F2 and M1 accuracy class weights, where d from 0,1 mg up to 1 kg		
			III class	(0,00032+3,5·10 ⁻⁵ ·R) kg	R, kg
			from 10 mg up to 1000 kg with M1 accuracy class weights, where d from 0,2 mg up to 1 kg	(0,11+3,5·10 ⁻⁵ ·R) kg	
			(1... 20) mg	0,006 mg	-
			50 mg, 100 mg	0,006 mg	
			200mg	0,007 mg	
			500mg	0,008 mg	
			1 g	0,016 mg	
			2 g	0,021 mg	
			5 g	0,027 mg	
			10 g	0,038 mg	
			20 g	0,041 mg	
			50 g	0,08 mg	
			100 g	0,14 mg	
			200 g	0,16 mg	
			500 g	0,42 mg	
			1 kg	1,0 mg	
			2 kg	1,8 mg	
			5 kg	5,3 mg	
			10 kg	8,9 mg	
			20 kg	8,9 mg	
			(1 ... 10) mg	0,006 mg	-
			20 mg	0,011 mg	
			50 mg	0,019 mg	
			100 mg	0,025 mg	
			200 mg	0,014 mg	
			500 mg	0,029 mg	
			1 g	0,056 mg	
			2 g	0,035 mg	
			5 g	0,086 mg	
			10 g	0,070 mg	
			20 g	0,074 mg	
			50 g	0,09 mg	
			100 g	0,15 mg	
Mass	OIML R111-1: 2004 M2-01 2 edition 2026-08-12	Weights F2 accuracy class and weights			

Calibration and Measurement Capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (If applicable)
Kaunas Regional Laboratory, activity location address: S. Raštikio g. 26, 50130 Kaunas					
Mass	OIML R111-1: 2004 M2-01 2 edition 2026-08-12	Weights M1 accuracy class and weights	200 g	0,26 mg	-
			500 g	0,65 mg	
			1 kg	2,3 mg	
			2 kg	4,3 mg	
			5 kg	11,6 mg	
			10 kg	24,0 mg	
			20 kg	55,0 mg	
			(1...500) mg	0,022 mg	
			1 g	0,085 mg	
			2 g	0,085 mg	
			5 g	0,086 mg	
			10 g	0,241 mg	
			20 g	0,451 mg	
			50 g	0,60 mg	
			100 g	0,27 mg	
			200 g	0,5 mg	
			500 g	1,9 mg	
			1 kg	2,6 mg	
			2 kg	13 mg	
			5 kg	14 mg	
			10 kg	77 mg	
			20 kg	83 mg	
			50 kg	110 mg	
Length	G2-18 2 edition 2023-12-22	Log simulators	diameter (100 ... 400) mm, length ≥1000 mm	0,020 mm 0,232 mm	
DC voltage	EURAMET cg-15 v.3.0 2015 – applicable only to digital measuring instruments KM E 2012 30, 2 edition 2022-09-26	Digital and analogue multimeters	(0,000 ... 202,000) mV	$(2,31 \cdot 10^{-3} + 1,73 \cdot 10^{-5} \cdot U)$ mV	U-voltage value at the calibration point
			(0,20 ... 2,02) V	$(7,61 \cdot 10^{-6} + 8,39 \cdot 10^{-6} \cdot U)$ V	
			(2,02 ... 20,20) V	$(4,62 \cdot 10^{-5} + 8,32 \cdot 10^{-6} \cdot U)$ V	
			(20,00 ... 200,000) V	$(5,54 \cdot 10^{-4} + 1,25 \cdot 10^{-5} \cdot U)$ V	
			(200,000 ... 1025,00) V	$(5,54 \cdot 10^{-3} + 1,12 \cdot 10^{-5} \cdot U)$ V	
AC voltage	EURAMET cg-15 v.3.0 2015 – applicable only to digital measuring instruments KM E 2012 30, 2 edition 2022-09-26	Digital and analogue multimeters	(0,000 ... 202,00) mV 45 Hz ... 999 Hz	$(1,73 \cdot 10^{-2} + 1,85 \cdot 10^{-4} \cdot U)$ mV	U-voltage value at the calibration point
			(0,20 ... 2,02) V 45 Hz ... 999 Hz	$(1,73 \cdot 10^{-4} + 1,66 \cdot 10^{-4} \cdot U)$ V	
			(2,00 ... 20,20) V 45 Hz ... 999 Hz	$(1,52 \cdot 10^{-3} + 1,66 \cdot 10^{-4} \cdot U)$ V	
			(20,00 ... 200,00) 45 Hz ... 999 Hz V	$(1,73 \cdot 10^{-2} + 1,56 \cdot 10^{-4} \cdot U)$ V	

Calibration and Measurement Capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (If applicable)
Kaunas Regional Laboratory, activity location address: S. Raštikio g. 26, 50130 Kaunas					
DC current	EURAMET cg-15 v.3.0 2015 – applicable only to digital measuring instruments KM E 2012 30, 2 edition 2022-09-26	Digital and analogue multimeters	(200,00 ... 1020,0) V	$(1,15 \cdot 10^{-1} + 1,86 \cdot 10^{-4} \cdot U)$ V	value at the calibration point
			45 Hz ... 999 Hz		
			(0,000 ... 202,000) μ A	$(1,15 \cdot 10^{-2} + 1,15 \cdot 10^{-4} \cdot I)$ μ A	
			(0,2000 ... 2,020) mA	$(1,50 \cdot 10^{-5} + 5,20 \cdot 10^{-5} \cdot I)$ mA	
			(2,00 ... 20,200) mA	$(3,46 \cdot 10^{-4} + 5,20 \cdot 10^{-5} \cdot I)$ mA	
			(20,000 ... 200,000) mA	$(3,46 \cdot 10^{-3} + 5,20 \cdot 10^{-5} \cdot I)$ mA	
			(0,200 ... 2,0200) A	$(6,47 \cdot 10^{-5} + 1,35 \cdot 10^{-4} \cdot I)$ A	
			(2,02 ... 20,200) A	$(1,04 \cdot 10^{-3} + 3,12 \cdot 10^{-4} \cdot I)$ A	
AC current	EURAMET cg-15 v.3.0 2015 – applicable only to digital measuring instruments KM E 2012 30, 2 edition 2022-09-26	Digital and analogue multimeters	(20,000 ... 202,000) μ A	$(1,89 \cdot 10^{-1} + 7,28 \cdot 10^{-4} \cdot I)$ μ A	value at the calibration point
			45 Hz ... 999 Hz		
			(0,200 ... 2,020) mA	$(3,70 \cdot 10^{-4} + 6,24 \cdot 10^{-4} \cdot I)$ mA	
			45 Hz ... 999 Hz		
			(2,000 ... 20,200) mA	$(3,23 \cdot 10^{-3} + 4,16 \cdot 10^{-4} \cdot I)$ mA	
			45 Hz ... 999 Hz		
			(20,00 ... 202,00) mA	$(3,23 \cdot 10^{-2} + 4,16 \cdot 10^{-4} \cdot I)$ mA	
			45 Hz ... 999 Hz		
Resistance	EURAMET cg-15 v.3.0 2015 – applicable only to digital measuring instruments KM E 2012 30, 2 edition 2022-09-26	Digital and analogue multimeters	(0,200 ... 2,02) A	$(3,70 \cdot 10^{-4} + 6,24 \cdot 10^{-4} \cdot I)$ A	R – resistance value at the calibration point
			45 Hz ... 999 Hz		
			(2,00 ... 30,000) A	$(4,16 \cdot 10^{-3} + 8,62 \cdot 10^{-4} \cdot I)$ A	
			45 Hz ... 999 Hz		
			0,1 Ω	$5,78 \cdot 10^{-3} \Omega$	
			1 Ω	$5,80 \cdot 10^{-3} \Omega$	
			10 Ω	$6,06 \cdot 10^{-3} \Omega$	
			100 Ω	$7,85 \cdot 10^{-3} \Omega$	
			1 k Ω	$2,66 \cdot 10^{-5} \text{ k}\Omega$	
			10 k Ω	$1,50 \cdot 10^{-4} \text{ k}\Omega$	
			100 k Ω	$2,66 \cdot 10^{-3} \text{ k}\Omega$	
			1 M Ω	$2,94 \cdot 10^{-5} \text{ M}\Omega$	
			10 M Ω	$1,15 \cdot 10^{-3} \text{ M}\Omega$	
			100 M Ω	$2,10 \cdot 10^{-1} \text{ M}\Omega$	
			1000 M Ω	11,6 M Ω	
			(0 ... 10) M Ω	$(5,77 \cdot 10^{-9} + 12 \cdot 10^{-5} \cdot R)$ Ω	
Electrical capacity	EURAMET cg-15 v.3.0 2015 – applicable only	Digital and analogue multimeters	1 nF	$4,04 \cdot 10^{-3} \text{ nF}$	-
			10 nF	$4,04 \cdot 10^{-2} \text{ nF}$	

Calibration and Measurement Capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (If applicable)
Kaunas Regional Laboratory, activity location address: S. Raštikio g. 26, 50130 Kaunas					
	to digital measuring instruments KM E 2012 30, 2 edition 2022-09-26		20 nF	$8,08 \cdot 10^{-2}$ nF	C-capacitance value at the calibration point
			50 nF	$2,02 \cdot 10^{-1}$ nF	
			100 nF	$4,04 \cdot 10^{-1}$ nF	
			1 μ F	$6,77 \cdot 10^{-3}$ μ F	
			10 μ F	$9,70 \cdot 10^{-2}$ μ F	
			100 μ F	$9,70 \cdot 10^{-1}$ μ F	
			1 mF	$1,62 \cdot 10^{-2}$ mF	
			10 mF	$1,62 \cdot 10^{-1}$ mF	
			350 Hz ... 1,5 kHz		
			(0,5 ... 4,0) nF	$(3,81 \cdot 10^{-2} + 6,01 \cdot 10^{-3} \cdot C)$ nF	
			(4,0001 ... 40,000) nF	$(9,70 \cdot 10^{-2} + 6,24 \cdot 10^{-3} \cdot C)$ nF	
			(40,001 ... 400,00) nF	$(6,47 \cdot 10^{-1} + 6,24 \cdot 10^{-3} \cdot C)$ nF	
			400,01 nF ... 4,0000 μ F	$(7,39 \cdot 10^{-3} + 8,31 \cdot 10^{-3} \cdot C)$ μ F	
			(4,0001 ... 40,000) μ F	$(8,31 \cdot 10^{-2} + 1,04 \cdot 10^{-2} \cdot C)$ μ F	
			(40,001 ... 400,00) μ F	$(8,31 \cdot 10^{-1} + 1,04 \cdot 10^{-2} \cdot C)$ μ F	
Inductance	EURAMET cg-15 v.3.0 2015 – applicable only to digital measuring instruments KM E 2012 30, 2 edition 2022-09-26	Digital and analogue multimeters	400,01 μ F ... 4,0000 mF	$(4,16 \cdot 10^{-2} + 1,04 \cdot 10^{-2} \cdot C)$ mF	-
			(4,0001 ... 40,000) mF	$(2,31 \cdot 10^{-1} + 2,08 \cdot 10^{-2} \cdot C)$ mF	
			1 mH	$8,08 \cdot 10^{-3}$ mH	
			10 mH	$8,08 \cdot 10^{-2}$ mH	
			19 mH	$1,54 \cdot 10^{-1}$ mH	
			29 mH	$2,34 \cdot 10^{-1}$ mH	
			50 mH	$4,04 \cdot 10^{-1}$ mH	
			100 mH	$8,08 \cdot 10^{-1}$ mH	
Frequency	EURAMET cg-15 v.3.0 2015 applicable only to digital measuring instruments KM E 2012 30 2 edition 2022-09-26	Digital and analogue multimeters	1 H	$8,08 \cdot 10^{-3}$ H	f – frequency
			10 H	$8,08 \cdot 10^{-2}$ H	
DC voltage	KM E 2012 31 1 edition 2016-05-03	Voltage sources (calibrators)	1 Hz ... 10 MHz	$(2,31 \cdot 10^{-5} + 2,31 \cdot 10^{-5} \cdot f)$ Hz	U-voltage value at the calibration point
			(0 ... 100) mV	$(3,46 \cdot 10^{-4} + 1,15 \cdot 10^{-5} \cdot U)$ mV	
			(0 ... 1) V	$(6,73 \cdot 10^{-7} + 1,12 \cdot 10^{-5} \cdot U)$ V	
			(0 ... 10) V	$(8,16 \cdot 10^{-7} + 1,15 \cdot 10^{-5} \cdot U)$ V	
			(0 ... 100) V	$(3,46 \cdot 10^{-5} + 1,15 \cdot 10^{-5} \cdot U)$ V	
AC voltage		Voltage sources (calibrators)	(0 ... 1000) V	$(1,15 \cdot 10^{-4} + 1,15 \cdot 10^{-5} \cdot U)$ V	U-voltage value at the
			(0 ... 10) mV	$(1,27 \cdot 10^{-3} + 2,31 \cdot 10^{-4} \cdot U)$ mV	
			40 Hz ... 1 kHz		
			(0 ... 100) mV	$(2,31 \cdot 10^{-3} + 8,08 \cdot 10^{-5} \cdot U)$ mV	

Calibration and Measurement Capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (If applicable)
Kaunas Regional Laboratory, activity location address: S. Raštikio g. 26, 50130 Kaunas					
DC amperage		Current sources (calibrators)	40 Hz ... 1 kHz (0 ... 1) V	(2,31·10 ⁻⁵ + 8,08·10 ⁻⁵ ·U) V	calibration point
			40 Hz ... 1 kHz (0 ... 10) V	(2,31·10 ⁻⁴ + 8,08·10 ⁻⁵ ·U) V	
			40 Hz ... 1 kHz (0 ... 100) V	(2,31·10 ⁻³ + 2,31·10 ⁻⁴ ·U) V	
			40 Hz ... 1 kHz (0 ... 1000) V	(2,31·10 ⁻² + 4,62·10 ⁻⁴ ·U) V	
			40 Hz ... 1 kHz (0 ... 100) nA	(4,62·10 ⁻² + 4,04·10 ⁻⁵ ·I) nA	I-current value at the calibration point
			(0 ... 1) μA	(4,62·10 ⁻⁵ + 2,89·10 ⁻⁵ ·I) μA	
			(0 ... 10) μA	(1,15·10 ⁻⁴ + 2,89·10 ⁻⁵ ·I) μA	
			(0 ... 100) μA	(9,24·10 ⁻⁴ + 2,89·10 ⁻⁵ ·I) μA	
			(0 ... 1) mA	(5,80·10 ⁻⁶ + 2,88·10 ⁻⁵ ·I) mA	
			(0 ... 10) mA	(5,77·10 ⁻⁵ + 2,89·10 ⁻⁵ ·I) mA	
			(0 ... 100) mA	(5,77·10 ⁻⁴ + 4,62·10 ⁻⁵ ·I) mA	
			(0 ... 1) A	(1,16·10 ⁻⁵ + 1,33·10 ⁻⁴ ·I) A	
			(0 ... 3) A	(6,93·10 ⁻⁴ + 1,16·10 ⁻³ ·I) A	
			(0 ... 10) A	(9,24·10 ⁻⁴ + 1,73·10 ⁻³ ·I) A	
AC amperage		Current sources (calibrators)	(0 ... 100) μA	(3,46·10 ⁻² + 6,93·10 ⁻⁴ ·I) μA	I-current value at the calibration point
			45 Hz ... 5 kHz (0 ... 100) mA		
			45 Hz ... 100 Hz	(2,31·10 ⁻² + 6,93·10 ⁻⁴ ·I) mA	
			100 Hz ... 5 kHz	(2,31·10 ⁻² + 3,46·10 ⁻⁴ ·I) mA	
			(0 ... 1) A		
			45 Hz ... 100 Hz	(2,31·10 ⁻⁴ + 9,24·10 ⁻⁴ ·I) A	
			100 Hz ... 5 kHz	(2,31·10 ⁻⁴ + 1,15·10 ⁻³ ·I) A	
			(0 ... 3) A	(2,08·10 ⁻³ + 1,73·10 ⁻³ ·I) A	
			10 Hz ... 5 kHz		
			(0 ... 10) A	(6,93·10 ⁻³ + 1,73·10 ⁻³ ·I) A	
Resistance	KM E 2012 31, 1edition 2016-05-03	Resistance standards and resistance boxes	10 Hz ... 5 kHz (0 ... 10) Ω	(1,15·10 ⁻⁴ + 1,15·10 ⁻⁵ ·R) Ω	R – resistance value at the calibration point
			(0 ... 100) Ω	(1,15·10 ⁻³ + 1,15·10 ⁻⁵ ·R) Ω	
			(0 ... 1) kΩ	(1,29·10 ⁻⁶ + 1,60·10 ⁻⁵ ·R) kΩ	
			(0 ... 10) kΩ	(1,16·10 ⁻⁵ + 1,62·10 ⁻⁵ ·R) kΩ	
			(0 ... 100) kΩ	(1,15·10 ⁻⁴ + 1,62·10 ⁻⁵ ·R) kΩ	
			(0 ... 1) MΩ	(4,65·10 ⁻⁶ + 1,84·10 ⁻⁵ ·R) MΩ	
			(0 ... 10) MΩ	(1,15·10 ⁻⁴ + 7,51·10 ⁻⁵ ·R) MΩ	
			(0 ... 100) MΩ	(1,15·10 ⁻³ + 1,15·10 ⁻³ ·R) MΩ	

Calibration and Measurement Capability (CMC), expressed as:					
Measured quantity	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty	Other parameters (If applicable)
Kaunas Regional Laboratory, activity location address: S. Raštikio g. 26, 50130 Kaunas					
Frequency		Working calibrators	(0 ... 1) GΩ	$(1,16 \cdot 10^{-5} + 1,15 \cdot 10^{-2} \cdot R)$ GΩ	f-frequency value at the calibration point
			1 Hz ... 40 Hz	$(5,77 \cdot 10^{-4} + 5,63 \cdot 10^{-4} \cdot f)$ Hz	
			40 Hz ... 100 MHz	$(4,62 \cdot 10^{-3} + 1,15 \cdot 10^{-4} \cdot f)$ Hz	
Duration of time	KM E 2012 32 1 edition 2012-04-02	Mechanical stopwatches (manual start)	$(5 \dots 3600)$ s, scale division, 0,1 s	$(8,49 \times 10^{-2} + 3,40 \times 10^{-7} \times T)$ s	T – time value at the calibration point
			$(5 \dots 3600)$ s, scale division, 0,2 s	$(1,65 \times 10^{-1} + 1,76 \times 10^{-7} \times T)$ s	
		Digital stopwatches (manual start)	5 s...24 h scale division, 0,001 s	$(2,31 \times 10^{-2} + 1,15 \times 10^{-6} \times T)$ s	
			5 s...24 h scale division, 0,01 s	$(2,38 \times 10^{-2} + 1,15 \times 10^{-6} \times T)$ s	
			5 s...24 h scale division, 1 s	$(5,78 \times 10^{-1} + 1,44 \times 10^{-7} \times T)$ s	
		Digital stopwatches (automatic start)	$(0,0002 \dots 400000)$ s, scale division, 0,001 s	$(5,77 \times 10^{-4} + 1,15 \times 10^{-6} \times T)$ s	
			$(0,0002 \dots 400000)$ s, scale division, 0,01 s	$(5,77 \times 10^{-3} + 1,14 \times 10^{-6} \times T)$ s	
			$(0,0002 \dots 400000)$ s, scale division, 0,1 s	$(5,77 \times 10^{-2} + 1,02 \times 10^{-6} \times T)$ s	
			$(0,0002 \dots 400000)$ s, scale division, 1 s	$(5,77 \times 10^{-1} + 4,05 \times 10^{-7} \times T)$ s	

Note. In case of any discrepancies, ambiguities or disputes regarding the subject matter content between the English and Lithuanian versions of the document, the Lithuanian version shall prevail.

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