DANAK
Member of EA MLA

ACCREDITATION

for calibration

Reg. No 22

Company	**TRESCAL A/S** **Mads Clausens Vej 12, DK-8600 Silkeborg** **CVR: 15009535**
Scope of accreditation	• Calibration, as specified in annex 1 • Reverification of measuring instruments, as specified in annex 2
Validity	23-11-2020 to 31-10-2021
Replaces document of	28-06-2019
Basis for accreditation	**DS/EN ISO/IEC 17025:2017** The laboratory complies with the requirements in DS/EN ISO/IEC 17025:2017 - General requirements for the competence of testing and calibration laboratories, together with the relevant provisions as an accredited body for the above mentioned scope of accreditation.

23-11-2020

Jesper Høy
Director

Erik Bruun Lorentzen
Lead Assessor

Calibration

Accreditation for calibration in compliance with requirements in DS/EN ISO/IEC 17025:2017.

Detailed overview of measurement quantities and measurement capabilities are available via http://english.danak.dk/database-of-accredited-companies

Fields of Calibration
Dimensional
Electricity DC and LF
Electricity HF
Flow
Force and torque
Humidity
Mass
Pressure and Vacuum
Temperature
Time and Frequency

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Reverification of measuring instruments

Accreditation for reverification of measurement instruments covered by the Executive orders of the Danish Safety Technology Authority on the use of measurement instruments subject to legal metrology.

Executive orders covered	Methods
Executive order 591 of 29/05/2018 on use of non-automatic weighing instruments, § 7	EN 45501
Executive order 592 of 29/05/2018 on use of automatic weighing instruments, § 10	OIML R50 OIML R51
Executive order 593 of 29/05/2018 on the use of measurement system for quantitative measurement of liquids other than water and measurement of gases in portions, § 10	OIML R81

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Reg. No. 22 Accreditation for calibration

EA Scope	Equipment	Quantity	Range Low Limit	Range High Limit	U(CMC) Low Limit	U(CMC) High Limit	Working Standard	Method	Remark	In Situ	Location
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (10 Hz - 50 kHz)	1 mV	10 mV	276 ppm	42 ppm	µ-potmeter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (50 kHz - 100 kHz)	1 mV	10 mV	277 ppm	42 ppm	µ-potmeter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (100 kHz - 200 kHz)	1 mV	10 mV	289 ppm	57 ppm	µ-potmeter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (200 kHz - 500 kHz)	1 mV	10 mV	342 ppm	85 ppm	µ-potmeter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (500 kHz - 700 kHz)	1 mV	10 mV	400 ppm	115 ppm	µ-potmeter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (700 kHz - 1 MHz)	1 mV	10 mV	493 ppm	153 ppm	µ-potmeter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (10 Hz - 50 kHz)	10 mV	100 mV	50 ppm	8 ppm	µ-potmeter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (50 kHz - 100 kHz)	10 mV	100 mV	57 ppm	8 ppm	µ-potmeter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (100 kHz - 200 kHz)	10 mV	100 mV	85 ppm	13 ppm	µ-potmeter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (200 kHz - 500 kHz)	10 mV	100 mV	115 ppm	20 ppm	µ-potmeter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (500 kHz - 700 kHz)	10 mV	100 mV	153 ppm	27 ppm	µ-potmeter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (700 kHz - 1 MHz)	10 mV	100 mV	192 ppm	37 ppm	µ-potmeter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (10 Hz - 50 kHz)	100 mV	500 mV	10 ppm	2 ppm	Multijunction Thermal Converter, µ-potmeter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (50 kHz - 100 kHz)	100 mV	500 mV	13 ppm	2 ppm	Multijunction Thermal Converter, µ-potmeter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (100 kHz - 200 kHz)	100 mV	500 mV	20 ppm	3 ppm	Multijunction Thermal Converter, µ-potmeter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (200 kHz - 500 kHz)	100 mV	500 mV	27 ppm	5 ppm	Multijunction Thermal Converter, µ-potmeter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (500 kHz - 700 kHz)	100 mV	500 mV	37 ppm	10 ppm	Multijunction Thermal Converter, µ-potmeter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (700 kHz - 1 MHz)	100 mV	500 mV	49 ppm	18 ppm	Multijunction Thermal Converter, µ-potmeter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (10 Hz - 50 kHz)	500 mV	2 V	5 ppm	2 ppm	Multijunction Thermal Converter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (50 kHz - 100 kHz)	500 mV	2 V	3 ppm	2 ppm	Multijunction Thermal Converter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (100 kHz - 200 kHz)	500 mV	2 V	5 ppm	3 ppm	Multijunction Thermal Converter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (200 kHz - 500 kHz)	500 mV	2 V	10 ppm	5 ppm	Multijunction Thermal Converter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (500 kHz - 700 kHz)	500 mV	2 V	18 ppm	10 ppm	Multijunction Thermal Converter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (700 kHz - 1 MHz)	500 mV	2 V	29 ppm	18 ppm	Multijunction Thermal Converter	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (10 Hz - 50 kHz)	2 V	10 V	2 ppm	7 ppm	Multijunction Thermal Converter & Range Resistor	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (50 kHz - 100 kHz)	2 V	10 V	2 ppm	6 ppm	Multijunction Thermal Converter & Range Resistor	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (100 kHz - 200 kHz)	2 V	10 V	3 ppm	8 ppm	Multijunction Thermal Converter & Range Resistor	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (200 kHz - 500 kHz)	2 V	10 V	5 ppm	12 ppm	Multijunction Thermal Converter & Range Resistor	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (500 kHz - 700 kHz)	2 V	10 V	10 ppm	21 ppm	Multijunction Thermal Converter & Range Resistor	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (700 kHz - 1 MHz)	2 V	10 V	18 ppm	32 ppm	Multijunction Thermal Converter & Range Resistor	CMC 5.04-001			Silkeborg

Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (10 Hz - 50 kHz)	10 V	100 V	5 ppm	12 ppm	Multijunction Thermal Converter & Range Resistor	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (50 kHz - 100 kHz)	10 V	100 V	5 ppm	13 ppm	Multijunction Thermal Converter & Range Resistor	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (100 kHz - 200 kHz)	10 V	100 V	6 ppm	17 ppm	Multijunction Thermal Converter & Range Resistor	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (200 kHz - 500 kHz)	10 V	30 V	8 ppm	15 ppm	Multijunction Thermal Converter & Range Resistor	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (500 kHz - 700 kHz)	10 V	20 V	12 ppm	22 ppm	Multijunction Thermal Converter & Range Resistor	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (700 kHz - 1 MHz)	10 V	20 V	21 ppm	33 ppm	Multijunction Thermal Converter & Range Resistor	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (10 Hz - 50 kHz)	100 V	1000 V	10 ppm	19 ppm	Multijunction Thermal Converter & Range Resistor	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC voltage difference (50 kHz - 100 kHz)	100 V	1000 V	10 ppm	31 ppm	Multijunction Thermal Converter & Range Resistor	CMC 5.04-001			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC current difference (10 Hz - 5 kHz)	10 µA	100 µA	17 ppm	53 ppm	µ-potmeter & Shunts	CMC 5.04-002			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC current difference (10 Hz - 5 kHz)	100 µA	1 mA	3 ppm	19 ppm	Multijunction Thermal Converter, µ-potmeter & Shunts	CMC 5.04-002			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC current difference (10 Hz - 5 kHz)	1 mA	10 mA	2 ppm	5 ppm	Multijunction Thermal Converter	CMC 5.04-002			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC current difference (10 Hz - 5 kHz)	10 mA	100 mA	2 ppm	6 ppm	Multijunction Thermal Converter & Shunts	CMC 5.04-002			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC current difference (10 Hz - 5 kHz)	100 mA	1 A	5 ppm	8 ppm	Multijunction Thermal Converter & Shunts	CMC 5.04-002			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC current difference (10 Hz - 5 kHz)	1 A	20 A	6 ppm	21 ppm	Multijunction Thermal Converter & Shunts	CMC 5.04-002			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC current difference (5 kHz - 100 kHz)	10 µA	100 µA	17 ppm	65 ppm	µ-potmeter & Shunts	CMC 5.04-002			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC current difference (5 kHz - 100 kHz)	100 µA	1 mA	3 ppm	35 ppm	Multijunction Thermal Converter, µ-potmeter & Shunts	CMC 5.04-002			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC current difference (1 kHz - 100 kHz)	1 mA	10 mA	3 ppm	18 ppm	Multijunction Thermal Converter	CMC 5.04-002			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC current difference (1 kHz - 100 kHz)	10 mA	100 mA	3 ppm	32 ppm	Multijunction Thermal Converter & Shunts	CMC 5.04-002			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC current difference (1 kHz - 100 kHz)	100 mA	1 A	6 ppm	44 ppm	Multijunction Thermal Converter & Shunts	CMC 5.04-002			Silkeborg
Electricity DC and LF	Electrical equipment (AC)	AC-DC current difference (1 kHz - 100 kHz)	1 A	20 A	8 ppm	56 ppm	Multijunction Thermal Converter & Shunts	CMC 5.04-002			Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Voltage (DC)	1 V	1 V	0,2 µV	0,2 µV	DC Reference Standard	CMC 5.04-003	Comparison with 6 DC Reference Standards	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Voltage (DC)	1,018 V	1,018 V	0,2 µV	0,2 µV	DC Reference Standard	CMC 5.04-003	Comparison with 6 DC Reference Standards	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Voltage (DC)	10 V	10 V	2 µV	2 µV	DC Reference Standard	CMC 5.04-003	Comparison with 6 DC Reference Standards	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Voltage (DC)	0 V	1 mV	3 nV	40 nV	DC Reference Standard, Short for 0 V	CMC 5.04-003	Comparison using dividers and null-detector	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Voltage (DC)	1 mV	10 mV	40 ppm	4,6 ppm	DC Reference Standard	CMC 5.04-003	Comparison using dividers and null-detector	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Voltage (DC)	10 mV	100 mV	4,6 ppm	1,2 ppm	DC Reference Standard	CMC 5.04-003	Comparison using dividers and null-detector	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Voltage (DC)	100 mV	1 V	1,2 ppm	0,7 ppm	DC Reference Standard	CMC 5.04-003	Comparison using dividers and null-detector	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Voltage (DC)	1 V	10 V	0,7 ppm	0,5 ppm	DC Reference Standard	CMC 5.04-003	Comparison using dividers and null-detector	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Voltage (DC)	10 V	100 V	0,5 ppm	0,6 ppm	DC Reference	CMC 5.04-003	Comparison using dividers and null-detector	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Voltage (DC)	100 V	1000 V	0,6 ppm	1,1 ppm	DC Reference	CMC 5.04-003	Comparison using dividers and null-detector	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Voltage (DC)	1 kV	40 kV	1,2 V	84 V	High Voltage Probe	CMC 5.04-009		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (50 Hz - 60 Hz)	1 kV	6 kV	1,4 V	9 V	High Voltage Probe	CMC 5.04-009		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (50 Hz - 60 Hz)	6 kV	28 kV	21 V	140 V	High Voltage Probe	CMC 5.04-009		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (10 Hz - 500 Hz)	1 kV	6 kV	12 V	72 V	High Voltage Probe	CMC 5.04-009		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (500 Hz - 1 kHz)	1 kV	6 kV	24 V	144 V	High Voltage Probe	CMC 5.04-009		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC)	0,1 kV	20 kV	6,4 V	1,28 kV	High Voltage Probe	CMC 5.04-009		X	Silkeborg

Electricity DC and LF	Electrical equipment (AC)	(DC - 1 MHz)	0,1 kV	20 kV	0,4 V	1,28 kV	High Voltage Probe	CMC 5.04-005		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Resistance	0 Ω	10 μΩ	1,9 nΩ	1,9 nΩ	Reference Resistor	CMC 5.04-005		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Resistance	10 μΩ	100 μΩ	1,9 nΩ	3,1 nΩ	Reference Resistor	CMC 5.04-005		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Resistance	100 μΩ	1 mΩ	3,1 nΩ	3,7 nΩ	Reference Resistor	CMC 5.04-005		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Resistance	1 mΩ	10 mΩ	3,7 nΩ	32 nΩ	Reference Resistor	CMC 5.04-005		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Resistance	10 mΩ	100 mΩ	32 nΩ	140 nΩ	Reference Resistor	CMC 5.04-005		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Resistance	100 mΩ	1 Ω	140 nΩ	700 nΩ	Reference Resistor	CMC 5.04-005		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Resistance	1 Ω	100 Ω	700 nΩ	60 μΩ	Reference Resistor	CMC 5.04-005		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Resistance	100 Ω	100 kΩ	60 μΩ	60 mΩ	Reference Resistor	CMC 5.04-005		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Resistance	100 kΩ	1 MΩ	60 mΩ	900 mΩ	Reference Resistor	CMC 5.04-005		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Resistance	1 MΩ	10 MΩ	900 mΩ	28 Ω	Reference Resistor	CMC 5.04-005		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Resistance	10 MΩ	100 MΩ	28 Ω	600 Ω	Reference Resistor	CMC 5.04-005		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Resistance	100 MΩ	1 GΩ	600 Ω	17 kΩ	Reference Resistor	CMC 5.04-005		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Resistance	1 GΩ	10 GΩ	17 kΩ	800 kΩ	Reference Resistor	CMC 5.04-005		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Resistance	10 GΩ	100 GΩ	800 kΩ	29 MΩ	Reference Resistor	CMC 5.04-005		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Resistance	100 GΩ	1 TΩ	29 MΩ	750 MΩ	Reference Resistor	CMC 5.04-005		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Resistance	1 TΩ	10 TΩ	750 MΩ	35 GΩ	Reference Resistor	CMC 5.04-005		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Resistance	10 TΩ	100 TΩ	35 GΩ	1,2 TΩ	Reference Resistor	CMC 5.04-005		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Current (DC)	0 A	1 pA	1,5 fA	1,5 fA	Reference Resistor, Digital Multimeter	CMC 5.04-006		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Current (DC)	1 pA	10 pA	1,5 fA	5 fA	Reference Resistor, Digital Multimeter	CMC 5.04-006		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Current (DC)	10 pA	100 pA	5 fA	17 fA	Reference Resistor, Digital Multimeter	CMC 5.04-006		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Current (DC)	100 pA	1 nA	17 fA	70 fA	Reference Resistor, Digital Multimeter	CMC 5.04-006		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Current (DC)	1 nA	10 nA	70 fA	220 fA	Reference Resistor, Digital Multimeter	CMC 5.04-006		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Current (DC)	10 nA	100 nA	220 fA	860 fA	Reference Resistor, Digital Multimeter	CMC 5.04-006		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Current (DC)	100 nA	1 μA	860 fA	4,2 pA	Reference Resistor, Digital Multimeter	CMC 5.04-006		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Current (DC)	1 μA	10 μA	4,2 pA	17 pA	Reference Resistor, Digital Multimeter	CMC 5.04-006		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Current (DC)	10 μA	100 μA	17 pA	140 pA	Reference Resistor, Digital Multimeter	CMC 5.04-006		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Current (DC)	100 μA	100 mA	140 pA	140 nA	Reference Resistor, Digital Multimeter	CMC 5.04-006		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Current (DC)	100 mA	1 A	140 nA	2,2 μA	Reference Resistor, Digital Multimeter	CMC 5.04-006		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Current (DC)	1 A	10 A	2,2 μA	72 μA	Reference Resistor, Digital Multimeter	CMC 5.04-006		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Current (DC)	10 A	100 A	72 μA	2,2 mA	Reference Resistor, Digital Multimeter	CMC 5.04-006		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Current (DC)	100 A	1000 A	2,2 mA	500 mA	Reference Resistor/Shunt, Digital Multimeter	CMC 5.04-006	Measurement only.	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Current (DC)	0 A	2000 A	2 mA	4 A	Current Coil	CMC 5.04-006		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (10 Hz - 10 kHz)	100 μV	2 mV	4 μV	2 μV	Calibrator	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (10 kHz - 30 kHz)	100 μV	2 mV	4,4 μV	2 μV	Calibrator	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (30 kHz - 100 kHz)	100 μV	2 mV	21 μV	2,6 μV	Calibrator	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (10 Hz - 20 kHz)	2 mV	10 mV	0,11 %	240 ppm	AC-DC Transfer Standard	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (20 kHz - 200 kHz)	2 mV	10 mV	0,17 %	240 ppm	AC-DC Transfer Standard	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (200 kHz - 500 kHz)	2 mV	10 mV	0,25 %	550 ppm	AC-DC Transfer Standard	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (500 kHz - 1 MHz)	2 mV	10 mV	0,33 %	770 ppm	AC-DC Transfer Standard	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (10 Hz - 20 kHz)	10 mV	60 mV	310 ppm	74 ppm	AC-DC Transfer Standard	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (20 kHz - 200 kHz)	10 mV	60 mV	550 ppm	74 ppm	AC-DC Transfer Standard	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (200 kHz - 500 kHz)	10 mV	60 mV	770 ppm	370 ppm	AC-DC Transfer Standard	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (500 kHz - 1 MHz)	10 mV	60 mV	930 ppm	380 ppm	AC-DC Transfer Standard	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (10 Hz - 20 kHz)	60 mV	600 mV	200 ppm	28 ppm	AC-DC Transfer Standard	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (20 kHz - 200 kHz)	60 mV	600 mV	370 ppm	28 ppm	AC-DC Transfer Standard	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (200 kHz - 500 kHz)	60 mV	600 mV	380 ppm	70 ppm	AC-DC Transfer Standard	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (500 kHz - 1 MHz)	60 mV	600 mV	560 ppm	130 ppm	AC-DC Transfer Standard	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (10 Hz - 20 kHz)	600 mV	10 V	82 ppm	12 ppm	AC-DC Transfer Standard	KH 5.2		X	Silkeborg

Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (20 kHz - 200 kHz)	600 mV	10 V	70 ppm	12 ppm	AC-DC Transfer Standard	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (200 kHz - 500 kHz)	600 mV	10 V	120 ppm	64 ppm	AC-DC Transfer Standard	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (500 kHz - 1 MHz)	600 mV	10 V	180 ppm	88 ppm	AC-DC Transfer Standard	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (10 Hz - 20 kHz)	10 V	1 kV	16 ppm	100 ppm	AC-DC Transfer Standard	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (20 kHz - 100 kHz)	10 V	1 kV	16 ppm	130 ppm	AC-DC Transfer Standard	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (50 kHz - 50 MHz)	250 mV	1 V	675 ppm	0,4 %	Thermal Converters	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (50 kHz - 50 MHz)	5 V	10 V	675 ppm	0,35 %	Thermal Converters	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Voltage (AC) (50 kHz - 50 MHz)	25 V	50 V	635 ppm	0,53 %	Thermal Converters	KH 5.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (10 Hz - 40 Hz)	1 µA	10 µA	390 ppm	140 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (40 Hz - 10 kHz)	1 µA	10 µA	160 ppm	130 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (10 kHz - 50 kHz)	1 µA	10 µA	190 ppm	130 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (50 kHz - 100 kHz)	1 µA	10 µA	450 ppm	170 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (10 Hz - 40 Hz)	10 µA	100 µA	340 ppm	110 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (40 Hz - 10 kHz)	10 µA	100 µA	140 ppm	86 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (10 kHz - 50 kHz)	10 µA	100 µA	170 ppm	86 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (50 kHz - 100 kHz)	10 µA	100 µA	400 ppm	130 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (10 Hz - 40 Hz)	100 µA	1 mA	270 ppm	36 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (40 Hz - 10 kHz)	100 µA	1 mA	100 ppm	28 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (10 kHz - 50 kHz)	100 µA	1 mA	130 ppm	28 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (50 kHz - 100 kHz)	100 µA	1 mA	300 ppm	68 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (10 Hz - 40 Hz)	1 mA	5 mA	150 ppm	14 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (40 Hz - 10 kHz)	1 mA	5 mA	36 ppm	10 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (10 kHz - 50 kHz)	1 mA	5 mA	68 ppm	10 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (50 kHz - 100 kHz)	1 mA	5 mA	130 ppm	26 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (10 Hz - 40 Hz)	5 mA	10 mA	56 ppm	14 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (40 Hz - 10 kHz)	5 mA	10 mA	10 ppm	18 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (10 kHz - 50 kHz)	5 mA	10 mA	10 ppm	38 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (50 kHz - 100 kHz)	5 mA	10 mA	26 ppm	46 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (10 Hz - 40 Hz)	10 mA	100 mA	18 ppm	58 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (40 Hz - 10 kHz)	10 mA	100 mA	18 ppm	22 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (10 kHz - 50 kHz)	10 mA	100 mA	18 ppm	44 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (50 kHz - 100 kHz)	10 mA	100 mA	38 ppm	54 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC)	100 mA	1 A	22 ppm	62 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg

Electricity DC and LF	Electrical equipment (AC)	(10 Hz - 40 Hz)	100 mA	1 A	22 ppm	62 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (40 Hz - 10 kHz)	100 mA	1 A	22 ppm	30 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (10 kHz - 50 kHz)	100 mA	1 A	22 ppm	60 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (50 kHz - 100 kHz)	100 mA	1 A	44 ppm	70 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (10 Hz - 40 Hz)	1 A	10 A	30 ppm	80 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (40 Hz - 10 kHz)	1 A	10 A	30 ppm	60 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (10 kHz - 50 kHz)	1 A	10 A	30 ppm	88 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (50 kHz - 100 kHz)	1 A	10 A	60 ppm	98 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (10 Hz - 40 Hz)	10 A	20 A	60 ppm	92 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (40 Hz - 10 kHz)	10 A	20 A	60 ppm	74 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (10 kHz - 50 kHz)	10 A	20 A	60 ppm	100 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (50 kHz - 100 kHz)	10 A	20 A	88 ppm	120 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (10 Hz - 40 Hz)	20 A	100 A	60 ppm	330 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (40 Hz - 60 Hz)	20 A	100 A	60 ppm	74 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (60 Hz - 5 kHz)	20 A	100 A	60 ppm	230 ppm	AC-DC Transfer Standard, Shunte	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical eqp. AC generation	Current (AC) (10 Hz - 500 Hz)	100 A	1000 A	60 ppm	830 ppm	AC-DC Transfer Standard, Shunte	KH 9.2	Measurement only	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (10 Hz - 500 Hz)	1 A	1000 A	0,25 %	0,25 %	Current Coil	KH 9.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Power (DC and AC)	1 µW	1 mW	9,1 pW	4,7 nW		KH 15.2	Spænding og strøm måles og genereres separat	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Power (DC and AC)	1 mW	10 W	4,7 nW	55 µW		KH 15.2	Spænding og strøm måles og genereres separat	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Power (DC and AC)	10 W	1 kW	55 µW	6,2 mW		KH 15.2	Spænding og strøm måles og genereres separat	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Power (DC and AC)	1 kW	10 kW	6,2 mW	210 mW		KH 15.2	Spænding og strøm måles og genereres separat	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Power (DC and AC)	10 kW	100 kW	210 mW	4,1 W		KH 15.2	Spænding og strøm måles og genereres separat	X	Silkeborg
Electricity DC and LF	Electrical eqp. DC generation	Power (DC and AC)	100 kW	1 MW	4,1 W	420 W		KH 15.2	Spænding og strøm måles separat	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Power (DC and AC)	1 W	1 MW	0,25 %	0,25 %	Current Coil til strømmåling	KH 15.2	Current Coil for current measurement	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (10 Hz - 40 Hz)	1 µW	10 mW	370 ppm	22 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (40 Hz - 10 kHz)	1 µW	10 mW	15 ppm	20 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (10 kHz - 50 kHz)	1 µW	10 mW	18 ppm	20 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (50 kHz - 100 kHz)	1 µW	10 mW	420 ppm	46 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (10 Hz - 40 Hz)	10 mW	1 W	22 ppm	81 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (40 Hz - 10 kHz)	10 mW	1 W	20 ppm	26 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (10 kHz - 50 kHz)	10 mW	1 W	20 ppm	48 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (50 kHz - 100 kHz)	10 mW	1 W	46 ppm	63 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (10 Hz - 40 Hz)	1 W	1 kW	26 ppm	110 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (40 Hz - 10 kHz)	1 W	1 kW	24 ppm	52 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (10 kHz - 50 kHz)	1 W	1 kW	24 ppm	77 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg

Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (50 kHz - 100 kHz)	1 W	1 kW	48 ppm	110 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (10 Hz - 40 Hz)	1 kW	20 kW	52 ppm	140 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (40 Hz - 10 kHz)	1 kW	20 kW	39 ppm	86 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (10 kHz - 50 kHz)	1 kW	20 kW	39 ppm	110 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (50 kHz - 100 kHz)	1 kW	20 kW	77 ppm	150 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (10 Hz - 40 Hz)	20 kW	100 kW	340 ppm	74 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (40 Hz - 60 Hz)	20 kW	100 kW	85 ppm	74 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (60 Hz - 5 kHz)	20 kW	100 kW	74 ppm	240 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (10 Hz - 500 Hz)	100 kW	1 MW	74 ppm	830 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Power (DC and AC) (10 Hz - 500 Hz)	1 W	1 MW	0,25 %	0,25 %	Current Coil for current measurement	KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Energy	1 mJ	100 J	200 nJ	800 µJ		KH 15.2	Spænding og strøm & tid måles og genereres separat	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Energy	100 J	10 MJ	800 µJ	120 J		KH 15.2	Spænding og strøm & tid måles og genereres separat	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Energy	10 MJ	1 GJ	120 J	72 kJ		KH 15.2	Spænding og strøm & tid måles og genereres separat	X	Silkeborg
Electricity DC and LF	Electrical equipment (DC)	Energy	1 kJ	10 GJ	0,25 %	0,25 %	Current Coil for current measurement	KH 15.2	Spænding og strøm & tid måles og genereres separat	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy (10 Hz - 40 Hz)	1 mJ	100 J	370 ppm	23 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy (40 Hz - 10 kHz)	1 mJ	100 J	15 ppm	21 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy (10 kHz - 50 kHz)	1 mJ	100 J	18 ppm	21 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy (50 kHz - 100 kHz)	1 mJ	100 J	420 ppm	47 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy (10 Hz - 40 Hz)	100 J	10 kJ	23 ppm	85 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy (40 Hz - 10 kHz)	100 J	10 kJ	21 ppm	27 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy (10 kHz - 50 kHz)	100 J	10 kJ	21 ppm	49 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy (50 kHz - 100 kHz)	100 J	10 kJ	47 ppm	65 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy (10 Hz - 40 Hz)	10 kJ	10 MJ	27 ppm	110 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy (40 Hz - 10 kHz)	10 kJ	10 MJ	25 ppm	53 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy (10 kHz - 50 kHz)	10 kJ	10 MJ	25 ppm	79 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy (50 kHz - 100 kHz)	10 kJ	10 MJ	49 ppm	120 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy (10 Hz - 40 Hz)	10 MJ	200 MJ	53 ppm	140 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy (40 Hz - 10 kHz)	10 MJ	200 MJ	42 ppm	88 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy (10 kHz - 50 kHz)	10 MJ	200 MJ	42 ppm	120 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy (50 kHz - 100 kHz)	10 MJ	200 MJ	79 ppm	150 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy (10 Hz - 40 Hz)	200 MJ	1 GJ	88 ppm	350 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy (40 Hz - 60 Hz)	200 MJ	1 GJ	88 ppm	95 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy (60 Hz - 5 kHz)	200 MJ	1 GJ	88 ppm	240 ppm		KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Energy	1 kJ	10 GJ	0,25 %	0,25 %	Current Coil for current measurement	KH 15.2	cos(φ): 0 - 1	X	Silkeborg

Electricity DC and LF	Electrical equipment (AC)	(10 Hz - 500 Hz)	1 kΩ	10 GΩ	0,25 %	0,25 %	Current Coil for current measurement	KH 15.2	cos(φ): 0 - 1	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Resistance (AC) (10 Hz - 10 kHz)	0,5 Ω	2 Ω	5,5 μΩ	1,6 mΩ	Reference Resistor, LCR-meter	KH 7.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Resistance (AC) (10 Hz - 10 kHz)	2 Ω	20 Ω	55 μΩ	1,4 mΩ	Reference Resistor, LCR-meter	KH 7.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Resistance (AC) (10 Hz - 10 kHz)	20 Ω	200 Ω	420 μΩ	38 mΩ	Reference Resistor, LCR-meter	KH 7.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Resistance (AC) (10 Hz - 10 kHz)	200 Ω	100 kΩ	38 mΩ	100 Ω	Reference Resistor, LCR-meter	KH 7.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Capacitance (20 Hz - 100 kHz)	10 fF	10 μF	8 ppm	360 ppm	Reference Capacitor, Capacitance Bridge	KH 10.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Q-factor (50 Hz - 10 kHz)	0	1000	0,0002	6	Reference Inductance, LCR-meter	CMC 5.04-011	Q-factor for Inductance Standards, 100 nH - 10 H.	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Dissipation coefficient (20 Hz - 100 kHz)	0,01	4	0,2 %	0,6 %	Reference Capacitor/Resistor, Capacitance Bridge	KH 12.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Inductance (100 Hz - 10 kHz)	1 μH	10 μH	0,25 %	550 ppm	Reference Inductor, LCR-meter	CMC 5.04-011		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Inductance (1 kHz - 10 kHz)	10 μH	100 μH	550 ppm	100 ppm	Reference Inductor, LCR-meter	CMC 5.04-011		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Inductance (50 Hz - 1 kHz)	100 μH	1 mH	200 ppm	100 ppm	Reference Inductor, LCR-meter	CMC 5.04-011		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Inductance (1 kHz - 10 kHz)	100 μH	1 mH	170 ppm	100 ppm	Reference Inductor, LCR-meter	CMC 5.04-011		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Inductance (50 Hz - 1 kHz)	1 mH	10 mH	140 ppm	100 ppm	Reference Inductor, LCR-meter	CMC 5.04-011		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Inductance (1 kHz - 10 kHz)	1 mH	10 mH	170 ppm	100 ppm	Reference Inductor, LCR-meter	CMC 5.04-011		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Inductance (50 Hz - 1 kHz)	10 mH	100 mH	120 ppm	90 ppm	Reference Inductor, LCR-meter	CMC 5.04-011		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Inductance (1 kHz - 10 kHz)	10 mH	100 mH	90 ppm	210 ppm	Reference Inductor, LCR-meter	CMC 5.04-011		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Inductance (50 Hz - 1 kHz)	100 mH	1 H	100 ppm	90 ppm	Reference Inductor, LCR-meter	CMC 5.04-011		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Inductance (1 kHz - 10 kHz)	100 mH	1 H	90 ppm	420 ppm	Reference Inductor, LCR-meter	CMC 5.04-011		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Inductance (50 Hz - 1 kHz)	1 H	10 H	90 ppm	530 ppm	Reference Inductor, LCR-meter	CMC 5.04-011		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Inductance (100 Hz - 10 kHz)	100 nH	1 μH	1,2 %	0,25 %	Reference Inductor, LCR-meter	CMC 5.04-011		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Inductance (100 Hz - 1 kHz)	10 μH	100 μH	560 ppm	100 ppm	Reference Inductor, LCR-meter	CMC 5.04-011		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Distorsion (20 Hz - 100 kHz)	0,001 %	100 %	13 %	26 %	Audioanalyzer	KH 23.2	The uncertainty is in % of the measured value	X	Silkeborg
Electricity DC and LF	Electrical eqp. AC generation	Distorsion (10 Hz - 100 kHz)	0,01 %	10 %	32 %	0,1 %		KH 23.2	The uncertainty is in % of the generated value	X	Silkeborg
Electricity DC and LF	Electrical eqp. AC generation	Distorsion (10 Hz - 1 MHz)	10 %	80 %	0,1 %	6 %		KH 23.2	The uncertainty is in % of the generated value	X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Sinad (20 Hz - 100 kHz)	-99,99 dB	0 dB	1,2 dB	2,4 dB	Audioanalyzer	KH 24.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Signal to noise ratio (50 Hz - 100 kHz)	-99,99 dB	0 dB	1,2 dB	1,2 dB	Audioanalyzer	KH 25.2		X	Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Rise/falltime (Risetime)	0,35 ns	1,5 ns	33,5 ps	45 ps	ESD-Target and Oscilloscope	CMC 5.04-030, IEC 61000-4-2	Calibration of ESD-generator with contact tip (150pF, 330Ω).		Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (Peakcurrent)	2,5 A	50 A	6 %	6 %	ESD-Target and Oscilloscope	CMC 5.04-030, IEC 61000-4-2	Calibration of ESD-generator with contact tip (150pF, 330Ω).		Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (Current, 30 ns)	1 A	25 A	11 %	11 %	ESD-Target and Oscilloscope	CMC 5.04-030, IEC 61000-4-2	Calibration of ESD-generator with contact tip (150pF, 330Ω).		Silkeborg
Electricity DC and LF	Electrical equipment (AC)	Current (AC) (Current, 60 ns)	0,5 A	15 A	17 %	17 %	ESD-Target and Oscilloscope	CMC 5.04-030, IEC 61000-4-2	Calibration of ESD-generator with contact tip (150pF, 330Ω).		Silkeborg
Time and frequency	Time and frequence meas. eq.	Frequency	10 μHz	100 kHz	0,17 fHz	1,6 μHz	Cesium Standard & Counter	CMC 5.04-013	Measuring time at least 24 hours	X	Silkeborg
Time and frequency	Time and frequence meas. eq.	Frequency	100 kHz	10 MHz	1,6 μHz	0,16 mHz	Cesium Standard & Counter	CMC 5.04-013	Measuring time at least 24 hours	X	Silkeborg
Time and frequency	Time and frequence meas. eq.	Frequency	10 MHz	3 GHz	0,16 mHz	51 mHz	Cesium Standard & Counter	CMC 5.04-013	Measuring time at least 24 hours	X	Silkeborg
Time and frequency	Time and frequence meas. eq.	Frequency	3 GHz	40 GHz	51 mHz	2,4 Hz	Cesium Standard & Counter	CMC 5.04-013	Measuring time at least 24 hours	X	Silkeborg

Time and frequency	Time and frequence meas. eq.	Timeinterval	1 ns	1 s	19 ps	12 ns	DCF-77, Counter	CMC 5.04-014		X	Silkeborg
Time and frequency	Time and frequence meas. eq.	Timeinterval	1 s	1000 s	12 ns	12 µs	DCF-77, Counter	CMC 5.04-014		X	Silkeborg
Time and frequency	Time and frequence meas. eq.	Period	25 ps	350 ps	0,0000015 fs	0,000006 fs	Cesium Standard & Counter	CMC 5.04-013	Measuring time at least 24 hours	X	Silkeborg
Time and frequency	Time and frequence meas. eq.	Period	350 ps	100 ns	0,000006 fs	0,0016 fs	Cesium Standard & Counter	CMC 5.04-013	Measuring time at least 24 hours	X	Silkeborg
Time and frequency	Time and frequence meas. eq.	Period	100 ns	10 µs	0,0016 fs	0,16 fs	Cesium Standard & Counter	CMC 5.04-013	Measuring time at least 24 hours	X	Silkeborg
Time and frequency	Time and frequence meas. eq.	Period	10 µs	100 ks	0,16 fs	1,7 µs	Cesium Standard & Counter	CMC 5.04-013	Measuring time at least 24 hours	X	Silkeborg
Time and frequency	Time and frequence meas. eq.	Rise/falltime	15 ps	1 ns	46 %	2,7 %	Programmable Pulse Head.	CMC 5.04-015	Calibration of oscilloscopes.	X	Silkeborg
Time and frequency	Time and frequence meas. eq.	Rise/falltime	1 ns	1 s	2,7 %	2,7 %	Programmable Pulse Head.	CMC 5.04-015	Calibration of oscilloscopes.	X	Silkeborg
Time and frequency	Time and frequence meas. eq.	Rise/falltime	15 ps	1 ns	49 %	2,4 %	Programmable Pulse Head, Oscilloscope.	CMC 5.04-015	Calibration of sources.	X	Silkeborg
Time and frequency	Time and frequence meas. eq.	Rise/falltime	1 ns	1 s	2,4 %	2,4 %	Programmable Pulse Head, Oscilloscope.	CMC 5.04-015	Calibration of sources.	X	Silkeborg
Time and frequency	Time and frequence meas. eq.	Phase (1 kHz - 100 kHz)	0 °	360 °	0,0012 °	0,012 °	DCF-77, Counter	CMC 5.04-014		X	Silkeborg
Time and frequency	Time and frequence meas. eq.	Phase (0,1 Hz - 1 kHz)	0 °	360 °	0,000013 °	0,0012 °	DCF-77, Counter	CMC 5.04-014		X	Silkeborg
Time and frequency	Time and frequence meas. eq.	Phase (100 kHz - 10 MHz)	0 °	360 °	0,012 °	0,13 °	DCF-77, Counter	CMC 5.04-014		X	Silkeborg
Time and frequency	Time and frequence meas. eq.	Rotationel frequency	0 rpm	100000 rpm	1 ppm	1 ppm	DCF-77, Diode	CMC 5.04-026	0,5 digit has to be addded to the uncertainty. Calibration of optical tachometers.	X	Silkeborg
Time and frequency	Time and frequence meas. eq.	Rotationel frequency	6 rpm	5000 rpm	1,5 rpm	1,5 rpm	Tachometer	CMC 5.04-026	Measurement of rpm, optical and mechanical.	X	Silkeborg
Time and frequency	Time and frequence meas. eq.	Rotationel frequency	5000 rpm	30000 rpm	2,5 rpm	2,5 rpm	Tachometer	CMC 5.04-026	Measurement of rpm, optical and mechanical.	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Power (HF) (1 kHz - 18 GHz)	1 nW	10 µW	0,9 %	3,9 %	Thermistor Mounts (N), Power Sensors (N)	CMC 5.04-017	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Power (HF) (1 kHz - 18 GHz)	10 µW	1 mW	0,4 %	1,6 %	Thermistor Mounts (N), Power Sensors (N)	CMC 5.04-017	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Power (HF) (1 kHz - 18 GHz)	1 mW	10 mW	0,4 %	1,5 %	Thermister Mounts (N), Power Sensors (N)	CMC 5.04-017	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Power (HF) (1 kHz - 18 GHz)	10 mW	100 mW	0,6 %	1,5 %	Thermistor Mounts (N), Power Sensors (N)	CMC 5.04-017	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Power (HF) (1 kHz - 18 GHz)	100 mW	2 W	0,8 %	1,8 %	Thermistor Mounts (N), Power Sensors (N)	CMC 5.04-017	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Power (HF) (1 kHz - 18 GHz)	2 W	25 W	1,1 %	2,2 %	Thermistor Mounts (N), Power Sensors (N)	CMC 5.04-017	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Power (HF) (1 kHz - 6 GHz)	25 W	100 W	1,8 %	3,5 %	Thermistor Mounts (N), Power Sensors (N)	CMC 5.04-017	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Power (HF) (1 kHz - 3 GHz)	100 W	500 W	2 %	3,7 %	Thermistor Mounts (N), Power Sensors (N)	CMC 5.04-017	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Power (HF) (10 MHz - 26,5 GHz)	1 nW	10 µW	0,6 %	5,1 %	Power Sensors (3,5mm)	CMC 5.04-017	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Power (HF) (10 MHz - 26,5 GHz)	10 µW	1 W	0,6 %	3,3 %	Power Sensors (3,5mm)	CMC 5.04-017	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Power (HF) (1 kHz - 3 GHz)	1 nW	1 mW	0,4 %	4,6 %	Power Sensors (N)	CMC 5.04-017	Z = 75Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Power (HF) (1 kHz - 3 GHz)	1 mW	100 mW	0,4 %	1,8 %	Power Sensors (N)	CMC 5.04-017	Z = 75Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Power (HF) (1 kHz - 1 GHz)	100 mW	1,3 W	1,2 %	1,6 %	Power Sensors (N)	CMC 5.04-017	Z = 75Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Calibration factor (1 kHz - 18 GHz)	100 %	100 %	0,4 %	1,1 %	Power Sensor, Thermistor Mount (N)	CMC 5.04-18	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Calibration factor (10 MHz - 26,5 GHz)	100 %	100 %	0,5 %	2,8 %	Power Sensor (3.5mm)	CMC 5.04-18	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Calibration factor (1 kHz - 3 GHz)	100 %	100 %	0,4 %	1,8 %	Power Sensor (N)	CMC 5.04-18	Z = 75Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Reflectance coefficient (HF) (100 kHz - 2 GHz)	0	1	0,006	0,51	SWR-Bridge	CMC 5.04-016	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Reflectance coefficient (HF) (2 GHz - 18 GHz)	0	1	0,013	0,2	SWR-Bridge	CMC 5.04-016	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Reflectance coefficient (HF) (100 kHz - 3 GHz)	0	1	0,003	0,61	SWR-Bridge	CMC 5.04-016	Z = 75Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Reflectance coefficient (HF) (200 Hz - 4,5 MHz)	0	1	0,001	0,014	SWR-Bridge	CMC 5.04-016	Z = 120Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Reflectance coefficient (HF)	0	1	0,002	0,068	Vector Network Analyzer	CMC 5.04-016	Z = 50Ω	X	Silkeborg

Electricity HF	Electrical equipment (HF)	(Modulus, 1 kHz - 26,5 GHz)	0	1	0,002	0,008	Vector Network Analyzer	CMC 5.04-016	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Reflectance coefficient (HF) (Fase, 1 kHz - 26,5 GHz)	0	360	0,6	180	Vector Network Analyzer	CMC 5.04-016	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Reflectance coefficient (HF) (Modulus, 1 kHz - 3 GHz)	0	1	0,002	0,018	Vector Network Analyzer	CMC 5.04-016	Z = 75Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Reflectance coefficient (HF) (Fase, 1 kHz - 3 GHz)	0	360	0,6	180	Vector Network Analyzer	CMC 5.04-016	Z = 75Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Directivity (100 kHz - 2 GHz)	0	1	0,002	0,33	Precision Termination, Sliding Termination, Precision Open/Short	CMC 5.04-016	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Directivity (2 GHz - 18 GHz)	0	1	0,002	0,25	Precision Termination, Sliding Termination, Precision Open/Short	CMC 5.04-016	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Directivity (18 GHz - 26,5 GHz)	0	1	0,022	0,31	Precision Termination, Sliding Termination, Precision Open/Short	CMC 5.04-016	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Directivity (100 kHz - 3 GHz)	0	1	0,002	0,34	Precision Termination, Sliding Termination, Precision Open/Short	CMC 5.04-016	Z = 75Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Directivity (200 Hz - 4,5 MHz)	0	1	0,001	0,014	Precision Termination, Sliding Termination, Precision Open/Short	CMC 5.04-016	Z = 120Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Attenuation (100 kHz - 2,5 MHz)	0 dB	80 dB	0,04 dB	0,11 dB	Power Sensor (N), Reference Attenuator	KH 26.3	Z = 50Ω, SWR < 1.02	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Attenuation (100 kHz - 2,5 MHz)	80 dB	100 dB	0,11 dB	0,18 dB	Power Sensor (N), Reference Attenuator	KH 26.3	Z = 50Ω, SWR < 1.02	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Attenuation (2,5 MHz - 1,3 GHz)	0 dB	100 dB	0,025 dB	0,08 dB	Measurering Receiver, Microwave Converter	KH 26.3	Z = 50Ω, SWR < 1.02	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Attenuation (2,5 MHz - 1,3 GHz)	100 dB	127 dB	0,08 dB	0,33 dB	Measurering Receiver, Microwave Converter	KH 26.3	Z = 50Ω, SWR < 1.02	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Attenuation (1,3 GHz - 12,4 GHz)	0 dB	80 dB	0,07 dB	0,09 dB	Measurering Receiver, Microwave Converter	KH 26.3	Z = 50Ω, SWR < 1.02	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Attenuation (1,3 GHz - 12,4 GHz)	80 dB	100 dB	0,09 dB	0,24 dB	Measurering Receiver, Microwave Converter	KH 26.3	Z = 50Ω, SWR < 1.02	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Attenuation (12,4 GHz - 18 GHz)	0 dB	80 dB	0,12 dB	0,13 dB	Measurering Receiver, Microwave Converter	KH 26.3	Z = 50Ω, SWR < 1.02	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Attenuation (12,4 GHz - 18 GHz)	80 dB	100 dB	0,13 dB	0,26 dB	Measurering Receiver, Microwave Converter	KH 26.3	Z = 50Ω, SWR < 1.02	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Transmission coefficient (HF) (Modulus, 1 kHz - 26,5 GHz)	0	1	0,00013	0,0073	Vector Network Analyzer	CMC 5.04-016	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Transmission coefficient (HF) (Fase, 1 kHz - 26,5 GHz)	0	360	0,5	180	Vector Network Analyzer	CMC 5.04-016	Z = 50Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Transmission coefficient (HF) (Modulus, 1 kHz - 3 GHz)	0	1	0,00013	0,0068	Vector Network Analyzer	CMC 5.04-016	Z = 75Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Transmission coefficient (HF) (Fase, 1 kHz - 3 GHz)	0	360	0,5	180	Vector Network Analyzer	CMC 5.04-016	Z = 75Ω	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Modulation (AM) (10 Hz - 300 kHz)	0,1 %	99,9 %	0,004 %	0,4 %	Vector Signal Analyzer, Reference Attenuator	CMC 5.04-021	CW: 50 kHz - 200 MHz	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Modulation (AM) (10 Hz - 300 kHz)	0,1 %	99,9 %	0,007 %	0,5 %	Vector Signal Analyzer, Reference Attenuator	CMC 5.04-021	CW: 200 MHz - 2 GHz	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Modulation (FM) (10 Hz - 300 kHz)	25 Hz	700 kHz	0,2 %	0,08 %	Spectrum Analyzer, DCF-77	CMC 5.04-020	Bessel Zero, CW: 10 kHz - 26,5 GHz	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Modulation (FM)	0,1 Hz	1 kHz	0,03 Hz	1 Hz	Digital Multimeter	CMC 5.04-020	Measurement of ACV at the analog output of a modulationmeter.	X	Silkeborg
Electricity HF	Electrical equipment (HF)	Modulation (PM) (10 Hz - 300 kHz)	0 rad	500 rad	0,0018 rad	0,44 rad	Spectrum Analyzer, DCF-77	CMC 5.04-022	Bessel Zero (FM measurement), Modulationmeter	X	Silkeborg
Temperature	Temperature Gauges	Temperature	0,01 °C	0,01 °C	0,001 °C	0,001 °C	Triplepoint of Water	CMC 5.04-027		X	Silkeborg
Temperature	Temperature Gauges	Temperature	-80 °C	-40 °C	0,013 °C	0,005 °C	Standard Platin Resistance Thermometer	CMC 5.04-027	Comparison in calibration baths.	X	Silkeborg
Temperature	Temperature Gauges	Temperature	-40 °C	300 °C	0,005 °C	0,008 °C	Standard Platin Resistance Thermometer	CMC 5.04-027	Comparison in calibration baths.	X	Silkeborg
Temperature	Temperature Gauges	Temperature	300 °C	400 °C	0,008 °C	0,011 °C	Standard Platin Resistance Thermometer	CMC 5.04-027	Comparison in calibration baths.	X	Silkeborg
Temperature	Temperature Gauges	Temperature	400 °C	500 °C	0,011 °C	0,017 °C	Standard Platin Resistance Thermometer	CMC 5.04-027	Comparison in calibration baths.	X	Sileborg
Temperature	Temperature Gauges	Temperature	500 °C	660 °C	0,017 °C	0,025 °C	Standard Platin Resistance Thermometer	CMC 5.04-027	Comparison in calibration baths.	X	Silkeborg
Temperature	IR equipments	Temperature	-30 °C	30 °C	1 °C	0,8 °C	Blackbody Cavity, IR-Calibrator	CMC 5.04-027	Spectral range: 8 - 14 µm	X	Silkeborg
Temperature	IR equipments	Temperature	30 °C	400 °C	0,8 °C	3 °C	Blackbody Cavity, IR-Calibrator	CMC 5.04-027	Spectral range: 8 - 14 µm	X	Silkeborg
Temperature	Hygrometers	Temperature (air) (Frost punkt)	-50 °C	0 °C	0,21 °C	0,17 °C	Dew Point Mirror	CMC 5.04-028	Frost point. Over ice.	X	Silkeborg
Temperature	Hygrometers	Temperature (air) (Dug punkt)	-5 °C	90 °C	0,18 °C	0,15 °C	Dew Point Mirror	CMC 5.04-028	Dew point. Over water.	X	Silkeborg

Humidity	Hygrometers	Relative humidity of air (-30°C - 0°C)	2 %rh	98 %rh	0,7 %rh	2,6 %rh	Dew Point Mirror	CMC 5.04-028	Over ice. Humidity cannot be controlled but only measured.	X	Silkeborg
Humidity	Hygrometers	Relative humidity of air (-5°C - 90°C)	2 %rh	98 %rh	0,5 %rh	1,4 %rh	Dew Point Mirror	CMC 5.04-028	Over water. Below 5°C humidity cannot be controlled but only measured.	X	Silkeborg
Pressure and vacuum	Manometers	Pressure	70 kPa	130 kPa	13 Pa	16 Pa	Pressure Calibrator	CMC 5.04-029	Barometric Pressure	X	Hvidovre
Pressure and vacuum	Manometers	Pressure	-100 kPa	0 Pa	8,9 Pa	1,3 Pa	Dead Weight Tester	CMC 5.04-029	Vacuum	X	Hvidovre
Pressure and vacuum	Manometers	Pressure	0 Pa	2 MPa	1,1 Pa	110 Pa	Dead Weight Tester	CMC 5.04-029	Relative Pressure	X	Hvidovre
Pressure and vacuum	Manometers	Pressure	0 Pa	70 MPa	90 Pa	4,9 kPa	Dead Weight Tester	CMC 5.04-029	Relative Pressure	X	Hvidovre
Pressure and vacuum	Manometers	Pressure	-15 kPa	0 Pa	1,5 Pa	0,4 Pa	Pressure Calibrator	CMC 5.04-029	Vacuum	X	Hvidovre
Pressure and vacuum	Manometers	Pressure	0 Pa	15 kPa	0,4 Pa	1,5 Pa	Pressure Calibrator	CMC 5.04-029	Relative Pressure	X	Hvidovre
Pressure and vacuum	Manometers	Pressure	0 Pa	16 MPa	37 Pa	1,6 kPa	Pressure Calibrator	CMC 5.04-029	Relative Pressure	X	Hvidovre
Pressure and vacuum	Manometers	Pressure	16 MPa	20 MPa	1,6 kPa	4,5 kPa	Pressure Calibrator, Pressure Transducer	CMC 5.04-029	Relative Pressure	X	Hvidovre
Pressure and vacuum	Manometers	Pressure	20 MPa	35 MPa	4,5 kPa	9,2 kPa	Pressure Calibrator, Pressure Transducer	CMC 5.04-029	Relative Pressure	X	Hvidovre
Pressure and vacuum	Manometers	Pressure	35 MPa	70 MPa	9,2 kPa	18 kPa	Pressure Calibrator, Pressure Transducer	CMC 5.04-029	Relative Pressure	X	Hvidovre
Pressure and vacuum	Manometers	Pressure	70 MPa	140 MPa	49 kPa	69 kPa	Pressure Calibrator, Pressure Transducer	CMC 5.04-029	Relative Pressure	X	Hvidovre
Pressure and vacuum	Manometers	Pressure	80 kPa	110 kPa	4,1 Pa	3,9 Pa	Pressure Calibrator, Pressure Transducer	CMC 5.04-050	Barometric Pressure.	X	Hvidovre
Pressure and vacuum	Manometers	Pressure	5 kPa	200 kPa	72 Pa	68 Pa	Pressure Calibrator, Pressure Transducer	CMC 5.04-050	Absolute Pressure.	X	Hvidovre
Pressure and vacuum	Manometers	Pressure	-100 kPa	0 kPa	35 Pa	28 Pa	Pressure Calibrator, Pressure Transducer	CMC 5.04-050	Vacuum.	X	Hvidovre
Pressure and vacuum	Manometers	Pressure	0 MPa	2 MPa	40 Pa	0,11 kPa	Pressure Calibrator, Pressure Transducer	CMC 5.04-050	Relative Pressure.	X	Hvidovre
Pressure and vacuum	Manometers	Pressure	0 MPa	70 MPa	0,27 kPa	32 kPa	Pressure Calibrator, Pressure Transducer	CMC 5.04-050	Relative Pressure.	X	Hvidovre
Pressure and vacuum	Manometers	Pressure	70 MPa	350 MPa	0,48 MPa	1,6 MPa	Pressure Calibrator, Pressure Transducer	CMC 5.04-050	Relative Pressure.	X	Hvidovre
Pressure and vacuum	Manometers	Pressure	0,1 MPa	70 MPa	51 Pa	4,9 kPa	Dead Weight Tester	CMC 5.04-052	Relative Pressure. Oil.	X	Hvidovre
Pressure and vacuum	Manometers	Pressure	10 kPa	3,5 MPa	0,2 Pa	0,54 kPa	Dead Weight Tester	CMC 5.04-052	Relative Pressure. Nitrogen.	X	Hvidovre
Dimensional	Caliper	Length	0 mm	1000 mm	13 µm	16 µm	Gauge Blocks	CMC 5.04-0001	DS 2012 (1991)	X	
Dimensional	Micrometer (all types)	Length	4 mm	225 mm	1,8 µm	2,9 µm	Ring Gauges	CMC 5.04-0003	3 pt. micrometer for internal measurement. DS 2351:1990	X	
Dimensional	Micrometer (all types)	Length	0 mm	1000 mm	1,3 µm	10 µm	Gauge Blocks	CMC 5.040004	External micrometer, DS/EN 3611:2010	X	
Dimensional	Ring gauges	Length	1 mm	250 mm	0,53 µm	1,5 µm	Gauge Blocks	CMC 5.04-0005	Plug gauge. 2370:1995	X	
Dimensional	Screw plug gauges	Length	0 mm	200 mm	1,6 µm	2,1 µm	Gauge Blocks	CMC 5.04-0006	Different standards	X	
Dimensional	Micrometer (all types)	Length	0 mm	25 mm	0,73 µm	2,5 µm	Gauge Blocks	CMC 5.04-0007	Micrometer heads - DS 2354 (1990)	X	
Dimensional	Caliper	Length	0 mm	1000 mm	21 µm	41 µm	Gauge Blocks	CMC 5.04-0009	Depth Calliper - DS 2012 (1991)	X	
Dimensional	Micrometer (all types)	Length	0 mm	25 mm	0,73 µm	2,5 µm	Gauge Blocks	CMC 5.04-0010	Depth micrometer - DS 2354 (1990)	X	
Dimensional	Height gauges	Length	0 mm	1000 mm	9 µm	85 µm	Gauge Blocks	CMC 5.04-0011	DS 2012:1991	X	
Dimensional	Dial gauges/centrumindicators	Length	-1 mm	1 mm	1,4 µm	3,8 µm	Laserinterferometer	CMC 5.04-0016	zero indicator. DS 2356 (1990)	X	
Dimensional	Dial gauges/centrumindicators	Length	0 mm	100 mm	2,1 µm	35 µm	Laserinterferometer	CMC 5.04-0016	DS 2352:1990 - DS 2353:1990 - DS 2356:1990	X	
Dimensional	Squares	Degree (geometrical)	0 °	360 °	0,02 °	0,5 °	Angle Gauge Blocks	CMC 5.04-0020	Angle protractor	X	
Dimensional	Dial gauges/centrumindicators	Length	3 mm	200 mm	0,38 µm	12 µm	Ring Gauge	CMC 5.04-0021	Dial gauge for internal measurement	X	
Dimensional	Dial gauges/centrumindicators	Length	0 mm	100 mm	1,3 µm	24 µm	Gauge Block	CMC 5.04-0022	Dial gauge for external measurement	X	
Dimensional	Micrometer (all types)	Length	0 mm	75 mm	1,2 µm	2,8 µm	Gauge Blocks	CMC 5.04-0023	Reces micrometer, internal and external measurement	X	
Dimensional	Micrometer (all types)	Length	5 mm	150 mm	1,8 µm	2,7 µm	Ring Gauges	CMC-0024	2 pt. micrometer with offset jaws	X	
Dimensional	Measuring pins	Length	0,1 mm	35 mm	0,5 µm	0,5 µm	Gauge Blocks	CMC 5.04-0030	Cylindrical mesuring pins DS 2366:1993	X	
Dimensional	Feeler gauges	Length	0 mm	2 mm	0,59 µm	0,59 µm	Gauge Bloks	CMC 5.04-0036	DS 2369:1995	X	
Dimensional	Setting standards	Length	0 mm	600 mm	0,56 µm	3,4 µm	Gauge Bloks	CMC 5.04-0038	DS 2366:1993	X	
Dimensional	Profile projectors	Length	0 mm	300 mm	4 µm	6,7 µm	Glass Ruler	K 100 09	Profile projector/measuring microscope with XY table (300x300mm)	X	
Force and torque	Torque measuring devices	Torque	0,5 Nm	2,5 Nm	0,9 %	0,8 %	Torque Transducer	CMC 5.04-0002	Torque Wrench DS/EN ISO 6789:2003 U(CMC) by best setting.	X	Hvidovre
Force and torque	Torque measuring devices	Torque	2 Nm	1000 Nm	0,7 %	0,6 %	Torque Transducer	CMC 5.04-0002	Torque Wrench DS/EN ISO 6789:2003 U(CMC) by best setting	X	Hvidovre
Force and torque	Torque measuring devices	Torque	1 Nm	1000 Nm	0,8 %	0,6 %	Torque Transducer	CMC 5.04-0500	Torque Wrench DS/EN ISO 6789:2003 U(CMC) by best setting.	X	Hvidovre
Force and torque	Torque measuring devices	Torque	0,5 Nm	2,5 Nm	0,9 %	0,8 %	Torque Transducer	CMC 5.04-0039	Electrica,Pneumatic or Hydraulic powered Screwdrivers U(CMC) by best setting	X	Hvidovre
Force and torque	Torque measuring devices	Torque	2 Nm	250 Nm	0,8 %	0,7 %	Torque Transducer	CMC 5.04-0039	Electrica,Pneumatic or Hydraulic powered Screwdrivers U(CMC) by best setting	X	Hvidovre

Flow	Flowmeters	Volume flow rate l/s	0,17 ml/s	2,58 l/s	1,2 µl/s	1,7 cl/s	Reference gauge	CMC 5.04-053	From 10 ml/min to 155 l/min air or nitrgen with Fluke or Bronkhorst flowmeters.	X	Hvidovre
Flow	Flowmeters	Mass	500 kg	30000 kg	3,4 kg	204 kg	Turbine	CMC 5.04-301 Calibration of Flowmeter - Cryogenic Fluids	Measurement of liquid Argon, Nitrogen, Oxygen and CO2 according to OIML R 81:1998.	X	Silkeborg
Mass	Weighing instruments	Mass	1 mg	10 mg	7 µg	9 µg	E2	CMC 5.04-206	Calibration of scales for static weighing.	X	Silkeborg
Mass	Weighing instruments	Mass	10 mg	100 mg	9 µg	18 µg	E2	CMC 5.04-206	Calibration of scales for static weighing.	X	Silkeborg
Mass	Weighing instruments	Mass	100 mg	1 g	18 µg	35 µg	E2	CMC 5.04-206	Calibration of scales for static weighing.	X	Silkeborg
Mass	Weighing instruments	Mass	1 g	10 g	35 µg	280 µg	E2	CMC 5.04-206	Calibration of scales for static weighing.	X	Silkeborg
Mass	Weighing instruments	Mass	10 g	100 g	69 µg	580 µg	E2	CMC 5.04-206	Calibration of scales for static weighing.	X	Silkeborg
Mass	Weighing instruments	Mass	100 g	1,1 kg	180 µg	2 mg	E2	CMC 5.04-206	Calibration of scales for static weighing.	X	Silkeborg
Mass	Weighing instruments	Mass	1,1 kg	10 kg	6,3 mg	58 mg	F1	CMC 5.04-206	Calibration of scales for static weighing.	X	Silkeborg
Mass	Weighing instruments	Mass	10 kg	100 kg	58 mg	580 mg	F1	CMC 5.04-206	Calibration of scales for static weighing.	X	Silkeborg
Mass	Weighing instruments	Mass	100 kg	2000 kg	5,8 g	120 g	M1	CMC 5.04-206	Calibration of scales for static weighing.	X	Silkeborg
Mass	Weighing instruments	Mass	2000 kg	35000 kg	350 g	6,1 kg	M2	CMC 5.04-206	Calibration of scales for static weighing.	X	Silkeborg
Mass	Weights	Mass	1 mg	210 g	120 µg	460 µg	E2	CMC 5.04-209			Silkeborg
Mass	Weights	Mass	210 g	610 g	1,5 mg	1,9 mg	E2	CMC 5.04-209			Silkeborg
Mass	Weights	Mass	610 g	1,1 kg	14 mg	15 mg	E2	CMC 5.04-209			Silkeborg
Mass	Weights	Mass	1,1 kg	6,1 kg	15 mg	38 mg	F1	CMC 5.04-209			Silkeborg
Mass	Weights	Mass	6,1 kg	64 kg	120 mg	390 mg	F1	CMC 5.04-209			Silkeborg
Mass	Weighing instruments	Mass	1 mg	10 mg	7 µg	9 µg	E2	CMC 5.04-201 CMC 5.04-208	Verification of non-automatic scales cf. EN45501. Verification of automatic scales with a national type approval.	X	Silkeborg
Mass	Weighing instruments	Mass	10 mg	100 mg	9 µg	18 µg	E2	CMC 5.04-201 CMC 5.04-208	Verification of non-automatic scales cf. EN45501. Verification of automatic scales with a national type approval.	X	Silkeborg
Mass	Weighing instruments	Mass	100 mg	1 g	18 µg	35 µg	E2	CMC 5.04-201 CMC 5.04-208	Verification of non-automatic scales cf. EN45501. Verification of automatic scales with a national type approval.	X	Silkeborg
Mass	Weighing instruments	Mass	1 g	10 g	35 µg	280 µg	E2	CMC 5.04-201 CMC 5.04-208	Verification of non-automatic scales cf. EN45501. Verification of automatic scales with a national type approval.	X	Silkeborg
Mass	Weighing instruments	Mass	10 g	100 g	69 µg	580 µg	E2	CMC 5.04-201 CMC 5.04-208	Verification of non-automatic scales cf. EN45501. Verification of automatic scales with a national type approval.	X	Silkeborg
Mass	Weighing instruments	Mass	100 g	1,1 kg	180 µg	2 mg	E2	CMC 5.04-201 CMC 5.04-208	Verification of non-automatic scales cf. EN45501. Verification of automatic scales with a national type approval.	X	Silkeborg
Mass	Weighing instruments	Mass	1,1 kg	10 kg	6,3 mg	58 mg	F1	CMC 5.04-201 CMC 5.04-208	Verification of non-automatic scales cf. EN45501. Verification of automatic scales with a national type approval.	X	Silkeborg
Mass	Weighing instruments	Mass	10 kg	100 kg	58 mg	580 mg	F1	CMC 5.04-201 CMC 5.04-208	Verification of non-automatic scales cf. EN45501. Verification of automatic scales with a national type approval.	X	Silkeborg
Mass	Weighing instruments	Mass	100 kg	2000 kg	5,8 g	120 g	M1	CMC 5.04-201 CMC 5.04-208	Verification of non-automatic scales cf. EN45501. Verification of automatic scales with a national type approval.	X	Silkeborg
Mass	Weighing instruments	Mass	2000 kg	35000 kg	350 g	6,1 kg	M2	CMC 5.04-201 CMC 5.04-208	Verification of non-automatic scales cf. EN45501. Verification of automatic scales with a national type approval.	X	Silkeborg

Mass	Weighing instruments	Mass	35000 kg	160000 kg	6,1 kg	28 kg	M2	CMC 5.04-201 CMC 5.04-208	Verification of non-automatic scales cf. EN45501. Verification of automatic scales with a national type approval.	X	Silkeborg
Mass	Weighing instruments	Mass	100 mg	1 g	30 µg	40 µg	E2	CMC 5.04-211	Verification of automatic scales approved cf. OIML R51 for weighing of pre-packed articles.	X	Silkeborg
Mass	Weighing instruments	Mass	1 g	10 g	40 µg	70 µg	E2	CMC 5.04-211	Verification of automatic scales approved cf. OIML R51 for weighing of pre-packed articles.	X	Silkeborg
Mass	Weighing instruments	Mass	10 g	100 g	250 µg	300 µg	E2	CMC 5.04-211	Verification of automatic scales approved cf. OIML R51 for weighing of pre-packed articles.	X	Silkeborg
Mass	Weighing instruments	Mass	100 g	1,1 kg	2,4 mg	3,1 mg	E2	CMC 5.04-211	Verification of automatic scales approved cf. OIML R51 for weighing of pre-packed articles.	X	Silkeborg
Mass	Weighing instruments	Mass	1,1 kg	10 kg	25 mg	63 mg	F1	CMC 5.04-211	Verification of automatic scales approved cf. OIML R51 for weighing of pre-packed articles.	X	Silkeborg
Mass	Weighing instruments	Mass	10 kg	100 kg	250 mg	630 mg	F1	CMC 5.04-211	Verification of automatic scales approved cf. OIML R51 for weighing of pre-packed articles.	X	Silkeborg
Mass	Weighing instruments	Mass	100 kg	500 kg	6,3 g	29 g	M1	CMC 5.04-211	Verification of automatic scales approved cf. OIML R51 for weighing of pre-packed articles.	X	Silkeborg
Mass	Weighing instruments	Mass	500 kg	2000 kg	38 g	120 g	M1	CMC 5.04-211	Verification of automatic scales approved cf. OIML R51 for weighing of pre-packed articles.	X	Silkeborg
Mass	Weighing instruments	Mass	200 kg	2000 kg	0,04 kg	0,4 kg	M2	CMC 5.04-213	Verification of weighing conveyor calibrated cf. OIML R51.	X	Silkeborg
Mass	Weighing instruments	Mass	2000 kg	10000 kg	0,4 kg	2 kg	M2	CMC 5.04-213	Verification of weighing conveyor calibrated cf. OIML R51.	X	Silkeborg
Mass	Weighing instruments	Mass	10000 kg	20000 kg	2,7 kg	5,4 kg	M2	CMC 5.04-213	Verification of weighing conveyor calibrated cf. OIML R51.	X	Silkeborg
Mass	Weighing instruments	Mass	20000 kg	200000 kg	7,7 kg	44 kg	M2	CMC 5.04-213	Verification of weighing conveyor calibrated cf. OIML R51.	X	Silkeborg