

Price List Calibration and Service

(Effective January 1st 2022 replaces all previous editions)

Calibration of Test and Measuring Equipment for

- Avionics
- Electricity
- Force
- Length
- Pressure
- Temperature / Humidity
- Time

Recognition of competence through SCS accreditation

Since 2013, we have been accredited by the Swiss Accreditation Service in the scope of "pressure" (SCS 0133).

The international standard ISO / IEC 17025 is the basis for the SCS accreditation.

In addition to the requirements of ISO / IEC 17025, our calibration fulfill the regulation of:

- FAA
- EASA
- EN9110

SR Technics Switzerland Ltd.
Calibration Services, OQC / 035
Material Receiving SRT
Hangarstrasse / Tor 140
8058 Zurich Airport
Switzerland

Tel: +41 58 688 64 49
Fax: +41 58 688 64 51
E-Mail: calibration.ch@srtechnics.com
www.srtechnics.com/safety-quality/calibration-services

Index of contents

<u>Chapter</u>	<u>Description</u>	<u>Page</u>
1	Terms and Conditions	3
1.1	General	3
1.2	Other Services	3
1.3	Definitions	4
2	Air Data- / Pitot Static Tester	5
3	Pneumatic and Hydraulic Test Equipment	6
3.1	Analogue and Digital Pressure Gauges	6
4	Force- and Torque Tools and Test Equipment	6
5	Electrical Measuring Equipment	7
5.1	Multimeters	7
5.2	Current Clamp, Current Clamp Meter	9
5.3	Resistance Measuring Instruments	9
5.4	Counters	10
5.5	Calibrators, Power Supplies, Simulators	11
5.6	Tachometers, Stroboscopes	11
5.7	Various Test and Measuring Equipments	11
6	Avionics Test Equipment	13
7	Thermometer / Hygrometer	16
7.1	Infrared Thermometer	16
7.2	Thermal Calibration	16
7.3	Electrical Calibration	16
7.4	Temperature & Humidity Meter	17
7.5	Dry-Block Temperatur Calibrator	17
8	Crimp Tool	18
8.1	Hand Crimp Tool	18
8.2	Pneumatic - / Hydraulic Crimp Tool	18
8.3	Safety cable Tool	19
9	Length Measuring Equipment	19
9.1	Calipers and Gauges	19
9.2	Straight Edges, Squares and Protractors	20
9.3	Length Standards	20
9.4	Special Design (Inspection by 3D measuring machine)	20
10	Time	20
10.1	Stopwatches	20
10.2	Rubidium Frequency Standard	20

1. Terms and Conditions

1.1 General

Applicable law and jurisdiction	The governing law of the contract is the law of Switzerland. All disputes arising out these GCBAS and/or the contract shall be brought before the competent courts in the Canton of Zurich, Switzerland.
Shipment	From SR Technics, 8058 Zurich Airport at the expense and risk of the customer
Turn around time	Usually 9 working days. Shorter delivery time by arrangement.
Payment	30 days strictly net (Pre-payment for new customers)
Claims	within 10 days upon receipt of invoice
Prices	In Swiss francs (CHF), VAT not included. The price includes cleaning as required to perform the calibration, verification, calibration sticker, shop finding report, protocol and certificate. Not included: Adjustment, excessive cleaning, servicing. For this extra work a fee of CHF 130 / hr will be charged. In order to avoid unnecessary administrative costs, we require your consent for repair or adjustment of costs of up to CHF 130 and do not send you an additional cost estimate.
Out of tolerance	If the measured values after calibration is out of tolerance and an adjustment is not possible, 90% of the calibration price will be charged. A calibration certificate can not be issued. It will only be created a measurement protocol.
Express Calibration Service	Measuring instruments, which will be used very fast again, we offer an express calibration service. Such measuring instruments will be handled with first priority. For such a calibration we will add an extra charge of 25% of the normal calibration price.
Certificate	The certificate contains all necessary traceability information. All results are traceable to a national or international standard.
Technical manuals	Aircraft maintenance related customers are requested to refer to the associated service manuals so that the calibration can be carried out with the valid revision level of the Manuals can be performed. If you define your own specifications, we ask you for written confirmation with stamp and signature.
Calibration Intrevals	Without a counter report, the 1-year interval or required interval will automatically be listed on the certificate.

1.2 Other Services

Interval control	Administration, monitoring of due dates and notify you when calibration is due
Not listed tools	We have an extensive range of calibration equipment for other measurement and test equipment not listed on this list. On request we will be pleased to provide you with a free-of-charge quotation for the calibration or repair of your test device.

1.3 Definitions

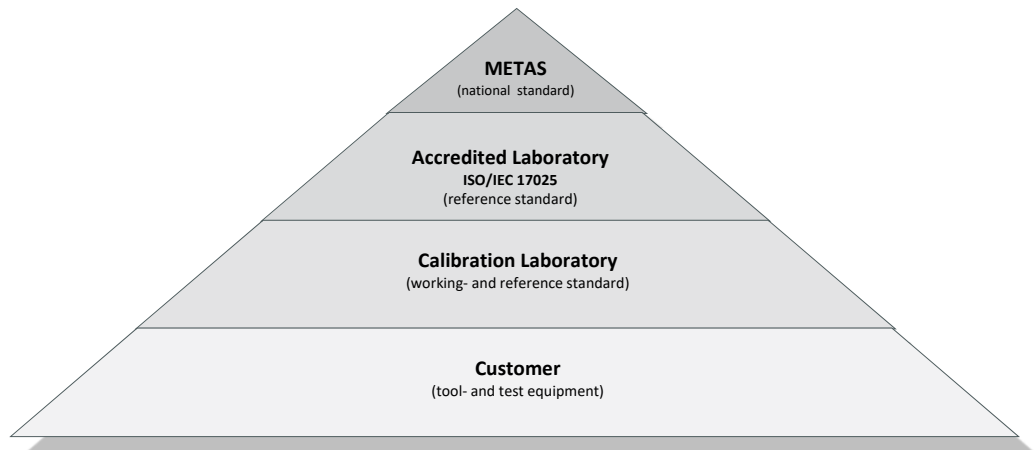
Metrology

Metrology is defined as "the science of measurement, embracing both experimental and theoretical determinations at any level of uncertainty in any field of science and technology". The theoretical metrology deals mainly with the units, the dimension system and their theoretical connections. The measuring means and aids, the normal devices and the measuring rooms are counted to the technical metrology. The legal metrology encloses the officially regular and supervised measuring being.

Traceability

A process is traceable if the result of a measurement can be compared to an approved standard for the concerning measuring size.

The property of a result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons. With each of these comparative measurements a calibration was so carried out that the measurement was determined by amore significant standard. There is a calibration hierarchy.



Calibration

Calibration is the set of operations that establish, under specified conditions, the relationship between the values of quantities indicated by a measuring instrument and the corresponding values realized by standards.

Adjustment

Adjustment means, a measuring instrument to put or balance that the measuring divergences become very small or that the amounts of the measuring divergences do not cross the margins of error. Adjusting requires an intervention which changes the measuring instrument or the dimension embodiment mostly remainin.

2. Air Data- / Pitot Static Tester

For measuring tools in chapter 2, on request it could be created an SCS certificate.
For a calibration based on SCS, it will be added 300.- CHF extra costs.



Manufacturer	Model	Description	* Calibration price in CHF
Barfield**	101-00164 (1811D)	Pitot Static Tester	675.-
	101-00165 (1811G/H)	Pitot Static Tester	800.-
	101-00168 (1811G/H)	Pitot Static Tester	800.-
	101-00169 (1811G/H)	Pitot Static Tester	800.-
	101-00185 (1811GA)	Pitot Static Tester	800.-
	101-00184 (1811HA)	Pitot Static Tester	800.-
	101-01170 (DPS 350)	Pitot Static Tester	750.-
	DPS450	Pitot Static Tester	850.-
	DPS500	Pitot Static Tester	1000.-
DMA	MPS27C	Pitot Static Tester	850.-
	MPS31C	Pitot Static Tester	850.-
	MPS34C	Pitot Static Tester	850.-
	MPS35C	Pitot Static Tester	850.-
	MPS35C	Pitot Static Tester (incl. AOA)	1150.-
	MPS38B	Pitot Static Tester	850.-
	MPS39C	Pitot Static Tester	850.-
	MPS39C	Pitot Static Tester (incl. AOA)	1150.-
	MPS43	Pitot Static Tester	850.-
	MPS49	Pitot Static Tester (incl. AOA)	1150.-
	PAMB11	Pressure Indicators	650.-
Druck	ADTS 2xx Series	Air Data Tester	850.-
	ADTS 403	Air Data Tester	1000.-
	ADTS 405F	Air Data Line Tester	1000.-
	ADTS 405	Labor Version	1000.-
	ADTS 505	Air Data Line Tester	850.-
	ADTS 530	Air Data Line Tester	750.-
	ADTS 542F	Air Data Tester	900.-
	ADTS 552F	Air Data Tester	900.-
	ADTS 553F	Air Data Tester	900.-
	ADTS 554F	Air Data Tester	900.-
	DPI 610	Pressure Calibrator	590.-
JCAir	80B-6	Pitot Static Leak Tester	575.-
Preston Pressure	PS 425	Pitot Static Tester	850.-
	PS 525	Pitot Static Tester	850.-
Viasala	PTB 220	Pressure Transmitter	375.-
	PTB 330	Digital Barometer	375.-



*Adjustments will be calculated based on effort

**No adjustments, only calibration possible

3. Pneumatics and Hydraulics Test Equipment

3.1 Analogue and Digital Pressure Gauges

Manufacturer	Model	Description	Calibration price in CHF
Various	Various	Difference Pressure Gauge	280.-
Various	Analog / Digital (up to 10'000 PSI / 700bar)	Pressure Gauge / -Transmitter ≥ 1% accuracy	175.-
		Pressure Gauge / -Transmitter < 1% accuracy	230.-
		Skydrol surcharge	50.-
Druck	DPI 501	Digitale Pressure Reference	550.-
Fluke	PV 350	Pressure / Vacuum module	260.-
	717 Serie	Pressure Calibrator	410.-
	718 Serie		

Please note that we can not calibrate pressure gauges for oxygen (O₂).



4. Force- and Torque Tools and Test Equipment

Description	Remarks	Calibration price in CHF
Torque Wrench (cw) (tolerance & measuring points acc. DIN EN ISO 6789:2017)	0 - 1500 Nm	175.-
Torque Wrench (cw/ccw) (tolerance & measuring points acc. DIN EN ISO 6789:2017)	0 - 1500 Nm	195.-
Torque Wrench (fixed release moment)	Actual release moment will be noted on Certificate	135.-
Torque Wrench Tester (cw) up to 2000 Nm	Acratork	325.-
	Norbar	325.-
	Stahlwille	325.-
Torque Wrench Tester (cw/ccw) up to 2000 Nm	Acratork	400.-
	Norbar	400.-
	Stahlwille	400.-
Spring Scale Correx or Safe Flight*	left/right 2000g max.	130.-
Spring scale* (up to 20kg / 0.2kN)	1 direction	70.-
Load Cells and Spring scale* (20kg to 1000kg / 0.2kN to 10kN) (push and/or pull)	1 direction	130.-
	2 directions	260.-
Load Cell (Airplane weighing system)*	0 - 50'000 kg (price per load cell)	310.-
Table Scales*	0 - 36kg	175.-
	37 - 150kg	200.-
Weighing platforms for transport vehicles*	up to 50'000kg	520.-
Tensiometer	Calibration incl. 1 Cable	230.-
	additional cables each	50.-



*Please note that we only calibrate, what are not amenable the legal control.

5. Electrical Measuring Equipment

5.1 Multimeters

Manufacturer	Model	Description	Calibration price in CHF
ABB BBC	17	Milliohmmeter	135.-
BBC Metrawatt	MA 3E	Multimeter	125.-
	M2032 / M2035	Multimeter	135.-
APPA	76	Component RC Tester	250.-
	91 / 93N / 97	Multimeter	125.-
Beckman	3020	Multimeter	125.-
Benning	MM7 / MM8 / MM9 / MM10	Multimeter	165.-
Boonton	92B / 92EA	RF Millivoltmeter	450.-
Chauvin Arnoux	C.A 5001	Multimeter	150.-
Data Precision	3500 / 3600	Multimeter	245.-
Düwi	07980	Multimeter	130.-
Facom	710 / 711	Multimeter	125.-
Fluke	10 / 11 / 12 / 16	Multimeter	125.-
	21 / 23 / 25 / 26 / 27 / 29	Multimeter Series II bis III	125.-
	45	Multimeter	260.-
	70 / 71 / 73 / 75 / 76 / 77 / 78 / 79	Multimeter Series I bis II	125.-
	70 / 73 / 75 / 77 / 79	Multimeter Series III bis IV	145.-
	80 / 81 / 82 / 83 / 85 / 87 / 89	Multimeter Series I bis III	135.-
	87 / 88 / 89	Multimeter Series IV bis V	160.-
	110 / 111 / 112 / 113 / 115 / 117	Multimeter	135.-
	123	Scopemeter	375.-
	1630	Earth Ground Clamp	125.-
	175 / 177 / 179	Multimeter	145.-
	183 / 185 / 187 / 189	Multimeter	170.-
	190 / 192 / 196	Scopemeter	480.-
	287 / 289	Multimeter	160.-
	845	Null Detector	320.-
	893	Differential-Voltmeter	470.-
	8020 / 8021 / 8022 / 8025 / 8030 / 8060 / 8062	Multimeter	150.-
	8500A	Voltmeter (only DC Volt) + each option DCA, Ohm, ...	420.- 90.-
	8506	Voltmeter (only DC Volt) + each option DCA, Ohm, ...	470.- 90.-
	8840	Multimeter	250.-
	8845A / 8846A	Precision Multimeter	320.-
Gossen Metrawatt	16I	Multimeter	180.-
	27I / 27M	Multimeter	180.-
	30M	Multimeter	180.-
	ISO Aero	Multimeter	260.-
	MetraHit 2A	Multimeter	125.-
	MetraHit 2+	Multimeter	145.-



Manufacturer	Model	Description	Calibration price in CHF
Hewlett Packard / Agilent	34401A	Multimeter	245.-
	3456 / 3458	Multimeter	500.-
	3464 / 3465	Multimeter	300.-
	3478A	Multimeter	245.-
	400 / 403	Multimeter	250.-
	427 A	Multimeter	245.-
Hioki	3253	Multimeter	125.-
Keithley	130A	Multimeter	135.-
	173 / 175 / 179	Multimeter	155.-
	191	Multimeter	155.-
	194A	Multimeter	300.-
	196 / 199	Multimeter	350.-
	2000 / 2001	Multimeter	245.-
Mastech	MY-64	Multimeter	145.-
	MY-68	Multimeter	125.-
Metex	M-3650	Multimeter	165.-
	M-3660	Multimeter	165.-
	M-4650B	Multimeter	165.-
Metrix	MX20	Multimeter	125.-
	MX111 / 202	Multimeter	125.-
	MX547	Multimeter	125.-
PCE	PCE-UT 81B	Scopemeter	185.-
Philips	2504 / 2505	Multimeter	190.-
	2517 / 2518	Multimeter	190.-
	2521 / 2525	Multimeter	250.-
	2534	Multimeter	250.-
	2718	Multimeter	145.-
Protek	506	Multimeter	200.-
Racal Dana	4002A	Multimeter	155.-
Simpson	260	Multimeter	170.-
	464	Multimeter	205.-
Solartron	7150	Multimeter	240.-
Tektronix	TX3	Multimeter	180.-
Unigor	D210	Multimeter	125.-
Wavetek	DM25XL	Multimeter	145.-
	HD100 / 110	Multimeter	135.-
Würth	Basic-DMM	Multimeter	135.-



5.2 Current Clamp, Current Clamp Meter

Manufacturer	Model	Description	Calibration price in CHF
Elbro	BM155	AC/DC Current Clamp	125.-
	DM6015	Current Clamp Meter	125.-
	DM6056	Current Clamp Meter	125.-
Flir	CM83	Current Clamp	160.-
Fluke	1630	Earth Ground Clamp	125.-
	i200	Current Clamp	95.-
	i30s	Current Clamp	125.-
	322	Current Clamp	125.-
	325	Current Clamp Meter	125.-
	336	Current Clamp Meter	125.-
	337	Current Clamp Meter	125.-
	353	Current Clamp Meter	125.-
	36	Current Clamp Meter	125.-
	368FC	AC Leakage Current Clamp	125.-
	i400	AC Current Clamp	125.-
	i410	AC/DC Current Clamp	125.-
	T5-600	Current Clamp Meter	100.-
	T5-1000	Current Clamp Meter	125.-
Gossen Metrawatt	Z3510	Current Clamp	95.-
H.E.M.E.	LH 630	Current Clamp	180.-
	100	Current Clamp	110.-
	1000	Current Clamp	150.-
Lutron	DM-6052	Current Clamp	160.-
Metrix / ITT Instruments	MX1200S	Current Clamp	145.-
Pancontrol	PAN 147	Current Clamp	180.-
Yokogawa	CL-612	Current Clamp	125.-



5.3 Resistance Measuring Instruments (1 Milliohm to 10 Teraohm)

Manufacturer	Model	Description	Calibration price in CHF
Amptec Research	620A-4	Igniter Circuit Tester	280.-
Avtron	T477W	Bonding Meter	245.-
Barfield	2471F (101-00220)	Megohmmeter	250.-
BCD Electronics	M1	Milliohm Meter	250.-
Chauvin Arnoux	CA 10	Milliohmmeter	250.-
Cropico	DO7010	Microhmmeter	225.-
Eurostat	61-100-0401	Surface Resistance Tester	280.-
Extech	380580	Milliohmmeter	250.-
Fluke	1503 / 1507	Insulation Meter	180.-
	1587	Insulation Meter	280.-
General Radio	1864	Megohmmeter	480.-
GW Instek	GOM-804	Milliohmmeter	280.-
H&B	Pontavi Wh2	Wheatstone-Bridge	280.-
	Isolavi 7 / 12	Insulation Meter	280.-
Hioki	3119	Insulation Meter	280.-
	3453	Megohmmeter	280.-
Kikusui	TOS7100M	Insulation Meter	180.-
Knick	H-12	Teraohmmeter	280.-



Manufacturer	Model	Description	Calibration price in CHF
Megger	BM 7	Insulation Meter	150.-
	BM 11	Insulation Resistance Tester	280.-
	BM 80	Insulation Meter	280.-
	BM 403	Insulation Meter	220.-
	BT 51	Milliohmmeter	280.-
	DLRO10 / DLRO10x	Milliohmmeter	280.-
	DLRO200	Milliohmmeter	320.-
	MIT230 MIT40X / MIT400 MIT410 / MIT415/2 MIT420 / MIT420/2 MIT430 MIT481 / MIT481/2	Insulation Meter	280.-
	MJ4/2	Insulation Meter	150.-
Gossen Metrawatt	JK500V	Insulation Meter	150.-
	MetraHit 17	Milliohmmeter	125.-
	Metraohm 413	Milliohmmeter	125.-
	Metriso1000	Insulation Meter	280.-
	Metriso C	Insulation Meter	280.-
Metrix	MX 406	Megohmmeter	125.-
	MX 4120	Insulation Meter	180.-
Norma	IMI 11	Insulation Meter	125.-
PeakTech	5010 ITA	Insulation Meter	125.-
Percival	DHP-884	Safety Ohm Meter	125.-
QuadTech	1864	Megohmmeter	385.-
Radiometer	IM-6	Megohmmeter	250.-
Rhopoint	M210	Milliohmmeter	150.-
Siemens	M273	Wheatstone-Bridge	145.-
Tettex	2102	Wheatstone-Bridge	145.-
Valhalla	Alpha 4314	Digital Igniter Tester	180.-



5.4 Counters

Manufacturer	Model	Description	Calibration price in CHF
Advantest	TR 5823	Counter	210.-
B&K Precision	1855	Counter	290.-
Fluke	6611	Counter	325.-
Hewlett Packard	537A	Counter	380.-
	5300B	Counter	325.-
	5315A	Counter	375.-
	5326A	Counter	400.-
	5334A/B	Counter	500.-
	5335A	Counter	620.-
Leader	LDC-823 A	Counter	325.-
Racal	9915	Counter	295.-
Philips	6667 / 6668	Counter	230.-
	6676 / 6680	Counter	340.-



5.5 Calibrators, Power Supplies, Simulators

Manufacturer	Model	Description	Calibration price in CHF
Various	Various	Power Supply up to 50A	150.-
Fluke	714	Thermocouple Calibrator	180.-
	741B	Process Calibrator	325.-
	743B	Process Calibrator	325.-
	5100 A/B	Multifunction Calibrator	750.-
Gossen Metrawatt	MetraHit 28C	Calibrator, Multimeter, Milliohm-meter	370.-
Knick	JS 3010	DC-Calibrator	370.-
Yokogawa	CA12E Handy Cal	Thermometer, Calibrator	185.-
	7651	DC-Calibrator	250.-



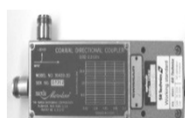
5.6 Tachometers, Stroboscopes

Manufacturer	Model	Description	Calibration price in CHF
Barberre	Tach III	Tachometer	180.-
Elbro	DT 2236	Digital Tachometer	135.-
Extech	RPM33	Digital Tachometer	135.-
General Radio	1531-AB	Strobotac	135.-
Gates Corporation	507C	Sonic Tension Meter	135.-
Jaquet	DHO-907	Tachometer	135.-
	HO 100	Tachometer	135.-
	HM 100	Tachometer	135.-
Lutron	DT 2236	Digital Tachometer	135.-
Monarch	PLT200	Digital Tachometer	135.-
Nicety	TC 811	Digital Tachometer	135.-
Prova	RM-1500	Digital Tachometer	135.-
Rheintacho	A2-2000	Tachometer	135.-



5.7 Various Test and Measuring Equipments

Manufacturer	Model	Description	Calibration price in CHF
3M	3M 701	ESD Test Kit	135.-
	740 / 746	ESD Wrist Strap & Shoe Tester	125.-
Generic	Attenuators	Basic, Fixed Attenuation	190.-
	Attenuators	Step & Variable Attenuation	450.-
	Coupler		345.-
	Crystal Detector		240.-
	R-Decades	to 1GOhm 2 Decades + each additional Decade	100.- 30.-
	C-Decades		from 100.-
Agilent	U1732C	LCR Meter	480.-
Annis	25	Gaussmeters / Magnetometers	185.-
Bird	81 B	Coaxial Resistor	160.-
	611 / 612	Termaline High/Low Range	290.-
	6154	Termaline High/Low Range	290.-
	AT-100	Antenna Analyzer	320.-



Manufacturer	Model	Description	Calibration price in CHF
Bird	43	Including 1 Plug-In (Power Element) + each additional Plug-In	195.- 80.-
	4391A	Including 1 Plug-In (Power Element) + each additional Plug-In	195.- 80.-
	4410A	Including 1 Plug-In (Power Element) + each additional Plug-In	195.- 80.-
B&K Precision	830	Capacitance Meter	280.-
	879B	LCR Meter	395.-
Charleswater	99000	Wrist Strap / Footwear Tester	125.-
	99100	ESD Device Tester	125.-
Christie	RF80-K	Charger/Analyzer	450.-
	RF80-M	Charger/Analyzer	450.-
Cobham	QB18	Static Discharger Test Set	280.-
Cofko	BC-7000	Battery Capacity Tester	375.-
Daiwa	CN-801H	SWR & Power Meter	345.-
	NS-660PA	SWR & Power Meter	345.-
	NS-663B	SWR & Power Meter	345.-
D+C-Airparts	ASDP-100	Accu Service Printer	150.-
	DC-C603ED	Charger	350.-
	DC-F1-4	Trickle Charger	225.-
	DC-TC50 / DC-TC60	Trickle Charger	125.-
Dräger	3000	Breath- and Alcoholic Meter	125.-
	7510	Breath- and Alcoholic Meter	125.-
Dranetz	305-PA 3010	Phase Meter	520.-
Elcontrol	VIP MK3	Energy Analyzer	245.-
Eurostat	WST-050	ESD Wrist Strap & Shoe Tester	125.-
	WST-100	Wrist Strap / Footwear Tester	125.-
Elme	157 (and others)	ESD-Mat	65.-
ESCORT	ELC-131D	LCR Meter	395.-
Fluke	720	Voltage Divider	660.-
Frizlen	BW18	Lastwiderstand	550.-
General Radio	1413	C-Decade	390.-
	1422	Variable Capacitor	275.-
	1562A	Sound Level Calibrator	180.-
	583-A	Output Power Meter	230.-
	722-D	C-Variable	250.-
	874-LK20L	Coaxial Air Line	420.-
Gill	TCT1000	Capacity Tester	360.-
Gossen Metrawatt	0701S	Safety Meter	300.-
	AT3	Three Phase Adapter	190.-
		MSP-Konstanter	400.-
Hewlett Packard	435 / 437	HF Power Meter	395.-
iET	CS-300	C-Decade	150.-
	RS-200	R-Decade	125.-
Krohn-Hite	6200	Phase Meter	240.-
Leader	171	Distortion Analyzer	390.-
Lutron	SL-4001	Sound Level Meter	180.-
Magnaflux	10 / 20	Gaussmeters / Magnetometers	185.-
Megabras	CPR-10G	Standard Resistorbox 1Mohm - 10Gohm	300.-
Motorola	S-1350C	Wattmeter	150.-
North Atlantic	Ratio Trafo	AC Ratio incl. 4 Decades + each additional Decade	360.- 50.-



Manufacturer	Model	Description	Calibration price in CHF
Pacific Electro Dynamics	Primex 543-1	Random Noise Generator	240.-
PCE	PCE-VT 204	Vibration measuring instrument	220.-
Procom	SWR3000	Wide Band SWR Analyzer	360.-
Simpson	890-2	Sound Level Calibrator	180.-
Statech	HGP 735	ESD Wristband Tester	125.-
	LFP4014 / LFP4015	ESD Tester	125.-
Tektronix	1503C	Metallic TDR Cable Tester	320.-
Teledyne	all	Delay Line	360.-
Testo	0554.0452	Sound Level Calibrator	180.-
Waterbeach Electronics	WE-2705P	Antenna Analyzer	240.-
Wolfgang Warmbier	PGT 120	ESD Tester	125.-
	SRM-110	Surface Resistance Meter	125.-



6. Avionics Test Equipment

Manufacturer	Model	Description	Calibration price in CHF
AAR	RMI 2105D	Radio Magnetic Indicator	180.-
Aeroflex	PSD373-1	Interface Cable	220.-
	PSD60-2R	Fuel Quantity Test Set (only version without frequency selection)	625.-
	IFR 4000	VOR / ILS	1550.-
	IFR 6000	XPDR / TCAS / DME	1950.-
Aerospatiale	35M5M0-113-1000/-0000	Smoke Detector Test Set	380.-
Airbus	97D34103000000	AOA Sensor Tool	180.-
Analogic	AN 6520	Thermocouple Instrument Calibrator	355.-
ASI	190B	Track Selector	650.-
	200-2B	Track Selector	650.-
	ASI-203	Radio Altimeter Test Set	650.-
	A 1301	Synchro-Resolver Bridge	1150.-
Astrosystems	A602-16-2P	Synchro to Digital Converter	870.-
	A202 S-5	Synchro Standard	220.-
	A702-16-2P	Digital to Synchro Converter	920.-
Atlantis	ARA-552	Radio Altimeter	620.-
	DRA-707	Radio Altimeter	720.-
Avtech	CTS-700	SELCAL/ATSCALL Ramp Test Set	480.-
Barfield	101-01401	Digital Fuel Quantity Test Set AC2K	780.-
	2548H	Fuel Quantity Test Set	490.-
Bendix	MN-40E	Compass Simulator	280.-
BF Goodrich	1201	ADF Panel	550.-
	1203	ADF Panel	290.-
	NAV 2000	VOR/ILS/COM/MKR Bench Test Set	980.-
	PSD60-2R	Fuel Quantity Test Set (only version without frequency selection)	650.-
	PSD60-503	Fuel Quantity Test Cable	220.-
	PSD60-504	Fuel Quantity Test Cable	220.-
	SDX2000	ATC/DME Generator	2080.-



Manufacturer	Model	Description	Calibration price in CHF
Boeing	22-MUL-1069	Linear Servo Actuator Test Set	390.-
	22-MUL-1599	Firex Discharge Cartridge Test Set	200.-
	26-MUL-1599	Firex Discharge Cartridge Test Set	220.-
	28-MUL-1222	F/F System Line Tester	430.-
	DZZ7703-1 / -501	Firex Discharge Cartridge Test Set	220.-
Collins	477L1	Compass Simulator	250.-
	479S-6	NAV-Generator	1270.-
	479S-6A	NAV-Generator	1670.-
	479V-3	Universal Precision Track sel. 400Hz und 30Hz	420.-
	970W-1	ADF Antennen Simulator	560.-
	978F-2S	Synchro Simulator	560.-
	980N-1	Radio Altimeter Test Set	850.-
Crane	99-791	Anti Skid Field Tester	720.-
	99-791-521	Adapter Cabel Tester	240.-
	99-791-563	Adapter Cabel Tester	240.-
CSI	DRM-4	Digital Resolver Meter	380.-
Dassault	TMY 2049503	APU Tester	240.-
DDC	SR-103	Angle Position Indicator	420.-
DME	TU-14	Escape Slide Test Set	320.-
Douglas	22MUL-1069	Linear Servo Actuator Test Set	480.-
	475 1004-1	Cabin / Cockpit Temp.Contr. line Checker	425.-
	5744830-1	Windshield Heater System Loadbank	280.-
	5744901-1	Windshield Temp. Controller	450.-
	DZZ7703-1 / -501	Firex Discharge Cartridge Test Set	320.-
Dowty	9090	Resolver Test Box	420.-
	TS 9064	Potentiometer	390.-
	PN682003006	Ground Check Electrical Unit RAT	580.-
	PN682003007	Ground Check Electrical Unit RAT	580.-
	PN682003008	Ground Check Electrical Unit RAT	580.-
Dukane Seacon	TS200	Ultrasonic Beacon Tester	320.-
	TS500	Ultrasonic Beacon Tester	320.-
EATON	DSRB-5CDA	Synchro-Resolver Bridge	1560.-
GE	A-1978	Fuelflow Test Set	480.-
Gull	GTF-1 / -2	Fuel Quantity Test Set	895.-
Hewlett Packard	624C	X-Band Test Set	790.-
Howell	H394 Series	TempCal Tester	500.-
IFR	ATC-600A	XPDR/DME Ramp Test Set	1050.-
	ATC-601	XPDR/S-Mode Ramp Test Set	1050.-
	ATC-1200Y3	XPDR/DME Bench Test Set	1650.-
	ATC-1400A	XPDR/DME Bench Test Set	1880.-
	COMM-120A	Communication Bench Test Set	1650.-
	COMM-760	Communication Bench Test Set	560.-
	FM/AM 1200	Communication Bench Test Set	1580.-
	FM/AM 1500	Communication Bench Test Set	1850.-
	NAV-401L	Navigation Ramp Test Set	1050.-
	NAV-402A/P	Navigation Ramp Test Set	1050.-
	NAV-750A/B	Navigation Bench Test Set	1500.-
	T1401	TACAN Accessory unit for ATC-1400	1050.-
	TCAS 201	TCAS Ramp Test Set	1050.-
JCAir	01-0235-00	NAV Test Set	680.-



Manufacturer	Model	Description	Calibration price in CHF
Kearfott	C 272 1011 H	Precision Angle Indicator	310.-
	ID-91B/ARN6	Compass Indicator	190.-
King	KTS156	Antenna Simulator Test Set	360.-
Kustom	1201	ADF Panel	540.-
	1203	DME, XPDR	390.-
	Squawk Naut	XPDR/DME Bench Test Set	1500.-
Messier Bugatti Dowty	F26792000B	Sensor Voltage Tester	130.-
Michel	NC 2210	NAV / COMM	680.-
	3000	XPDR Test Set	680.-
North Atlantic	202BR / 212 / 213	Phase Angle Voltmeter	385.-
	225	PAVM (only 400 Hz)	420.-
	2250	Digital Analyzing Voltmeter	1480.-
	545 / 100	Angle Position Indicator	440.-
	5300	Synchro / Resolver Standard	1200.-
	5310	Synchro / Resolver Simulator	825.-
	5330A	Synchro / Resolver Simulator	835.-
	540S-743	Resolver Synchro Bridge	920.-
	800	Only one range (e.g. 90 V Synchro)	190.-
	8025 / 8300 / 8310A 8500 / 8810 / 8800	Angle Position Indicator	420.-
Platthaus	GPU	GPU-Test Set	700.-
RMS	TEE46-4	Engine Trim Equipment	880.-
Rohde & Schwarz	CMS57	Radiocommunication Service Monitor	1580.-
Rolls Royce	UT593	Engine Temperature Test Set	500.-
Sextant	CA 10	Synchro Test Set	350.-
Sinters	9240SI	Loop Controller	180.-
Smith	3707 LMT	Fuel Quantity Test Set	300.-
	1 TE	Desynn Master Potentiometer	390.-
	3 TE	Desynn Master Indicator	425.-
Sundstrand	PN682003006	Ground Check Electrical Unit RAT	485.-
	PN682003007	Ground Check Electrical Unit RAT	485.-
	PN682003008	Ground Check Electrical Unit RAT	485.-
Sterela	Syn.Zero.Box	A300, A310	390.-
Tech Aid	TA-900	Angle Position Indicator	240.-
Tempitest	SPG-DR / -TX	Synchro Indicator / Transmitter	320.-
Textron	LTCT27680-01	Overspeed Control Test Set	380.-
TIC	T30C / T30D	NAV Test Set	825.-
	T33B / T33D / T48D	XPDR Test Set	825.-
	T-49C / T-49CA	XPDR Test Set	1050.-
	TB-2100	ATC / DME Test Set	1880.-
	TR-210/211	Multifunction Test Set	875.-
	TR-220	Multifunction Test Set	875.-
Tri-Phenix	PX219	Radar Target Simulation	245.-
TRT	SIM 530	R/A Test Set	650.-
Unison / Rhinestahl	137332	Flight Line Tester	345.-



7. Thermometer / Hygrometer

7.1 Infrared Thermometer

Remarks		
Temperature range of -15 °C to +500 °C		
Description	Measuring points	Calibration price in CHF
Various types	3 temperatures measuring points	250.-
	4 temperatures measuring points	300.-
	5 temperatures measuring points	350.-



7.2 Thermal Calibration

Remarks		
Temperature range of -20 °C to +150 °C		
Description	Remarks	Calibration price in CHF
Dial thermometer	According DIN EN 13190	150.-



Remarks		
Temperature range of -20 °C to +650 °C		
Sensor type: Thermocouple, PT100, PT1000		
Description	Measuring points	Calibration price in CHF
Sensor typ for electronically thermometer	5 temperatures measuring points	150.-
Additional measuring sensor		80.-



Remarks		
Temperature range of -20 °C to +650 °C		
Description	Measuring points	Calibration price in CHF
Electr. thermometer with fixed probe	5 temperatures measuring points	150.-



7.3 Electrical Calibration

Remarks		
Electrical simulation with 1 channel (Thermocouple, PT100, PT1000)		
For each additional channel ± 30.-		
Manufacturer	Model	Calibration price in CHF
AOIP	Various	130.-
Dostmann Electronic	Various	
Fluke	Various	
Metra Instruments	Various	
Oregon Scientific	Various	
Sifam Instruments	Various	
Sika	Various	
Simpson	Various	
SKF	Various	
Technoterm	Various	
Testo	Various	
Voltcraft	Various	
VWR	Various	
Yokogawa	Various	



7.4 Temperature & Humidity Meter (for medium air)

Remarks			
Calibration at 3 humidity values and 1 temperature value For each deviating measuring point we charge $\pm 50.-$			
Manufacturer	Model	Description	Calibration price in CHF
Delta Ohm	HD2301-0	Thermo-Hygrometer	250.-
Europe Suppliers	WS-7052	Thermo-Hygrometer	
IROX	IR4.3913.22	Thermo-Hygrometer	
Oregon Scientific	BAR32IHGN-K	Thermo-Hygrometer	
	EMR812HGN	Thermo-Hygrometer	
	ETHG913R	Thermo-Hygrometer	
	THGR228N	Thermo-Hygrometer	
	RTGR328N	Thermo-Hygrometer	
Testo	610	Thermo-Hygrometer	
	622	Thermo-Hygrometer	
	625	Thermo-Hygrometer	
	645	Thermo-Hygrometer	
	6010	Thermo-Hygrometer	
Dostmann Electronic	LOG110	Temperature/Humidity Data logger	250.-
TFA Dostmann	30.5005	Temperature/Humidity Data logger	
	30.5010	Temperature/Humidity Data logger	
Elpro	ECOLOG_TH1	Temperature/Humidity Data logger	
	ECOLOG_TN2	Temperature Data logger	
Lufft	OPUS 10 THI	Temperature/Humidity Data logger	
	OPUS 20 THI	Temperature/Humidity Data logger	
Measurement Computing	USB-502	Temperature Data logger	
Rotronic	HL-20D	Temperature/Humidity Data logger	
Saveris	H3D	Temperature/Humidity Data logger	
	T1D	Temperature Data logger	
	T3D	Temperature Data logger	
Testo	175H1	Temperature/Humidity Data logger	
	175-H2	Temperature/Humidity Data logger	
	175T1	Temperature Data logger	
	175-T2	Temperature Data logger	
Vaisala	HMP45	Temperature/Humidity Probe	380.-
	HMP155	Temperature/Humidity Probe	



7.5 Dry-Block Temperature Calibrator

Remarks			
Price is for thermal calibration without adjustment only. Calibrator needs to have an insert with 4mm boring. Calibration price at 1 temperature measurement value. For each additional measuring point we charge + 50.- Adjustment and calibration of additional measuring inputs depending on complexity @ CHF 130/hr.			
Manufacturer	Remarks		Calibration price in CHF
Various	-70°C to 399°C	with <0.05°C measurement uncertainty	65.-
Various	400°C to 650°C	with 0.55°C measurement uncertainty	65.-



8. Crimp Tool

8.1 Hand Crimp Tool

Manufacturer	Remarks	Calibration price in CHF
	AWG No: 10 - 30 $\varnothing$ 5.3mm ² - 0.051mm ²	
AMP	Basic price up to 3 dies each additional die	100.-
Buchanan		
Burndy		
ITT Cannon		
DMC / Daniels		35.-
Harting		
JST		
Kings		
Lobster		
Molex		
Raychem		
Thomas & Betts		
Trompeter Electronics		
Tyco		
Weidmüller		



Manufacturer	Remarks	Calibration price in CHF
	AWG No: 2 - 8 $\varnothing$ 33.6mm ² - 8.4mm ²	
AMP	by 1 terminal size each additional die	140.-
Buchanan		
Burndy		
ITT Cannon		
DMC / Daniels		35.-
Harting		
JST		
Kings		
Lobster		
Molex		
Raychem		
Thomas & Betts		
Trompeter Electronics		
Tyco		
Weidmüller		



8.2 Pneumatic - / Hydraulic Crimp Tool

Manufacturer	Remarks	Calibration price in CHF
AMP	up to 2 terminal size each additional die	130.- 35.-
Tyco		
Pico		



8.3 Safety cable tool

Hersteller	Modell	Bezeichnung	Kalibrierpreis in CHF
Bandit	Tie-Dex II	Banding Tool	120.-
DMC	DBS-1100	Banding Tool	120.-
	SCT327	Safe-T-Cable Tool	120.-



9. Length Measuring Equipment

9.1 Calipers and Gauges

Description	Remarks	Calibration price in CHF
Almen Gage		65.-
External Micrometer	0 - 100	65.-
External Micrometer (special design with interchangeable anvils)	100 - 1000	75.-
Micrometer Head	0 - 25 0 - 50	55.- 65.-
Dial Comparator		70.-
Lever-Type Dial Indicator		80.-
Height Gauge	0 - 800	200.-
Height Caliper	0 - 500	130.-
Internal Micrometer with 2-point contact each extension	Messkopf 0 - 900	75.- 35.-
Internal Micrometer with 3-line contact	0 - 200	65.-
Length Measuring Instrument TesaTronic	TTA Serie	320.-
	TTD Serie	320.-
Calipers	0 - 150	55.-
	0 - 500	65.-
	0 - 1000	75.-
Dial Gauge	0 - 10	52.-
	0 - 50	65.-
	0 - 100	95.-
Coating Thickness Gauge	0 - 5	150.-
Caliper Gauge	0 - 100	65.-
Depth Caliper	0 - 300	65.-
	300 - 1000	75.-
Depth Micrometer	0 - 100	60.-
	0 - 150	90.-
	0 - 300	120.-



9.2 Straight Edges, Squares and Protractors

Description	Remarks	Calibration price in CHF
Bevelled Straight Edge	< 500	65.-
Bevelled Edge Square	< 200	78.-
Straight Edge	< 1000	65.-
Flat Square, Try Square	< 200	78.-
Digital Angle Protractor		130.-
Inclinometer with Protractor		130.-
Analog Angle Protractor	Simple model	60.-



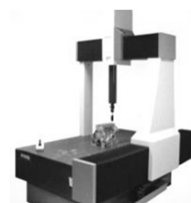
9.3 Length Standards

Description	Remarks	Calibration price in CHF
Setting Gauge for Micrometers	0 - 200	65.-
	200 - 500	75.-
	500 - 1000	85.-
Gauge Blocks (5-point Measurement)	0.5 - 100, 1st Gauge Block	95.-
	additional Gauge Block (class 2)	12.-
	additional Gauge Block (class 0 + 1)	15.-
Setting Ring (ISO 286-2 / Table 7 / JS4)	2 - 200	65.-
Feeler gauge		80.-
Cylindrical plug gauge		50.-
Gap gauge		65.-



9.4 Special Design (3D measuring machine)

Description	Remarks	Calibration price in CHF
Gauges Work pieces	All that can be measured on our 3D-Measuringmachine. Maximal dimensions: length 750mm x width 650mm x height 500mm	billing based on cost and of prior agreements



10. Time

10.1 Stopwatches

Description	Remarks	Calibration price in CHF
Stoppuhr	analog	75.-
Stoppuhr	digital	75.-



10.2 Rubidium Frequency Standard

Manufacturer	Model	Description	Calibration price in CHF
Frequency Electronics Inc.	FE-5650A	Rubidium Frequency Standard	260.-
Rohde & Schwarz	XSD2 / XSRM-Z	Crystal Oscillator	260.-
Efraton	FRK-H	Rubidium Frequency Standard	260.-

