



KVALIFIK

Measurement Technical Validation and Services Ltd.

H-1118 Budapest, Sasadi út 78.

www.kvalifik.hu E-mail: info@kvalifik.hu

KVALIFIK Ltd. was established in 1991 in Budapest. Our **calibration laboratory** obtained its accredited status in 1993, which is continuous ever since. We perform **the calibration of instruments in our laboratory based in Budapest or on the spot**, depending on our customers' needs.

Kvalifik Ltd. uses calibrated standards that are traceable to national standards suitable for measuring commonly used physical quantities. Our scope of activity has become wider and wider in the last **more than 30 years**: among other things (see below), our experienced colleagues can measure **temperature and relative humidity uniformity** of equipments and air-conditioned areas, **validate and qualificate** industrial and pharmaceutical equipments, test cleanrooms, as well as measuring and repairing air filters.

We can also **translate** and vet technical texts and instruction manuals.

OUR LABORATORIES



The accreditation of our **calibration laboratory** is continuous since 1993. Our laboratory is accredited by the Hungarian National Accreditation Authority (NAH) according to standard MSZ EN ISO/IEC 17025:2018.

Our accreditation number: NAH-2-0133/2024. Valid until: 04.07.2029



Our **testing laboratory** has received the accredited status in 2003. Here we perform temperature and relative humidity uniformity measurements.

Our accreditation number: NAH-1-1178/2023. Valid until: 08.06.2028

Our calibration certificates can be used by companies that follow **ISO 9000, HACCP, IATF 16949, GMP, GLP, ISO 14001, ISO 17025** standards.

Calibration time: **5 workdays with low prices!**





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Accredited calibration laboratory

(Our accreditation number: NAH-2-0133/2024)



- Thermometer calibration

On-site and laboratory calibration of thermometers, air thermometers, temperature transmitters and infrared thermometers.

Calibration range:

Thermometers: (-90...+1200) °C

Infrared thermometers: (-30...+1200) °C



- Calibration of temperature display

Temperature display calibration of furnaces, dry-heat chambers, drying chambers, incubators, refrigerators, freezers etc.

Calibration range: (-90...+1200) °C



- Pressure gauge calibration in range

On-site and laboratory calibration of absolute and overpressure gauges, vacuum meters, transmitters and pressure calibrators.

Calibration range:

abs. 3 μbar...1000 bar overpressure

(-1...0) bar vacuum



- Relative humidity meter, transmitter and dew point meter

calibration on-site and in our laboratory.

Calibration range:

relative humidity: (1...95) rH%

dew point: (-40...+25) °C





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- Length meter and sieve calibration on-site and in our laboratory

Calibration ranges:

Outer-inner Vernier calipers, height meters:	(0...2) m
Depth meters:	(0...400) mm
Outer and depth micrometers:	(0...600) mm
Measuring tapes, rulers (only in laboratory):	(0...100) m
Indicators, inner dimension meters, built-in micrometers:	(0...50) mm
Sieves (only in laboratory):	20 µm...200 mm
Thickness meters:	(0...2) mm
Coating thickness meters:	(0...3) mm
Ultrasonic thickness meters:	(0...100) mm
Feeler gauges, thickness standards:	(0.005...25) mm
Individual length values:	(0...5,5) m
NEW! Measuring microscopes, projectors:	(0...500) mm



- Watch, stopwatch and timer calibration on-site and in laboratory



- Electric meter calibration on-site and in our laboratory

Multimeters,	(0...30) A	DC-AC
digital oscilloscopes:	(0...1) kV	DC-AC
	2 mΩ...1 TΩ,	(0...1) GHz
Insulation meters:	2 mΩ...1 TΩ	
Flashback testers:	(0...10) kV	
Current clamps, transmitters:	(0...1) kA,	DC
	(0...850) A,	AC, 50 Hz
Resistance standards:	100 µΩ...1 TΩ	
Conductivity meters:	1 nS/cm...500 S/cm	
Voltage sources:	(0...10) kV	DC-AC
Current sources:	(0...3) kA	DC
	(0...2) kA	AC
Capacitance meters and decades:	1 nF...999 µF	
Inductivity meters and decades:	10 µH...10 H	
NEW! Periodic time meters:	(0...1) s	
NEW! Frequency sources:	1 Hz...1 GHz	
NEW! Magnetic flux meters:	(0...100) mT, 300 mT, 1.12 T	
NEW! Magnetic flux standards:	(0...1.12) T	



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- **Medical instruments** calibration only in our laboratory

NEW! Defibrillator testers: (0...400) J

Surgical electrical cutting

Oxygen sensor simulator

Medical device electrical safety tester



- **Optical tachometer** calibration on-site and in our laboratory

Calibration range: (0...1 000 000) min⁻¹



- **Revolution-controller** calibration on-site and in our laboratory

Calibration range: (0...99 999) min⁻¹



- **Anemometer** calibration on-site and in our laboratory

Calibration range: (0.15...40) m/s



- **Torque wrench, screwdriver and limiter, torque meter** calibration on-site and in our laboratory.

Calibration range:

Torque wrenches, screwdrivers and limitors: (0...1100) Nm

Torque meters: (0...1100) Nm



- **Balance** calibration on-site and in our laboratory.

Calibration range: (0...5) t



- **NEW!** **Weight** calibration in our laboratory.

Calibration range: 1 mg...1000 kg



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- **Force meter, transmitter** calibration on-site and in our laboratory.

Calibration range: (0...100) kN



- **Piston-operated volumetric apparatus** calibration only in our laboratory. Maintenance, adjusting and repairing of pipettes and burettes.

Piston-operated pipettes: 0.5 μ L...100 mL

Piston-operated burettes: 1 μ L...100 mL

Piston-operated dispensers: 100 μ L...160 mL

Syringes: 0.5 μ L...160 mL



- **Illuminance meter** calibration on-site and in our laboratory.

Calibration range: (10...3500) lx



- **Refractometer** calibration on-site and in our laboratory.

Calibration range: (1.3330...1.52) RI
(0...91,31) °Bx



- **pH-meter** calibration on-site and in our laboratory.

Calibration values:	1.675 pH	7.429 pH
	4.002 pH	9.225 pH
	5.00 pH	10.062 pH
	6.881 pH	12.00 pH



- **Areometer** calibration in our laboratory.

Calibration range: (0.69...1.62) g/cm³



- **NEW! Sound pressure level meter** calibration on-site and in our laboratory.

Level - 1 kHz: 94; 104; 114 dB

Frequency - 94 dB: 63; 250 Hz; 4; 12.5 kHz



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- **NEW!** Sound pressure level calibrator calibration on-site and in our laboratory.

Level: (40...120) dB

Frequency: 31.5 Hz...16 kHz

- **NEW!** Viscometer calibration on-site and in our laboratory.



Calibration range: (0.6...137 405) mm²/s (cSt)
(0.42...123 156) mPa·s (cP)

- **NEW!** Rotameter, nozzle, flowmeter and volume meter (with gaseous agent) calibration on-site and in our laboratory.



Calibration range: (0...2000) L/min
3 mL...120 000 L



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CALIBRATIONS TRACEABLE TO (INTER)NATIONAL STANDARDS



- Volume meters (e.g. retorts, measuring vessels)
- Hardness meters (Shore A and D)
- Bore meter, measuring gauges
- Mechanical tachometers
- Air volume meters
- Liquid flowmeters
- Sieve tension meters
- Gasproofing testers
- Wood moisture content meters
- Road testing equipments
- Medical instruments



Accredited testing laboratory

(Our accreditation number: NAH-1-1178/2023)



Temperature uniformity tests of heating chambers, climate chambers, thermostats, sterilizing chambers, ultra-freezers, freezers, refrigerators, cooling rooms, cooling trucks, air-conditioned rooms, storages, autoclaves, furnaces, heating furnaces, tunnel furnaces, water baths, tunnels, vessels, incubators using a computerized datalogger system up to 290 sensors simultaneously.

Relative humidity uniformity tests of climate chambers and air-conditioned volumes using a computerized datalogger system up to 90 sensors simultaneously.

Producing reports with tables, colored charts, statistics and *qualification of the equipment*.

TECHNICAL TRANSLATION



Translation of **ENGLISH** and **GERMAN** instruction manuals, technical documents based on many years of experience in pharmaceutical, packaging and food industry.



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INDUSTRIAL SERVICES



Testing and qualification of equipments

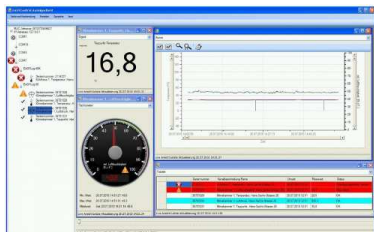
Testing of pharmaceutical and laboratory equipments and road testing machines producing full documentation (IQ, OQ, PQ and SQ - control software validation) according to the customer's demand.

E.g. *qualification of pharmaceutical machines.*



Air status measurements (e. g. cleanrooms, hospital operational rooms)

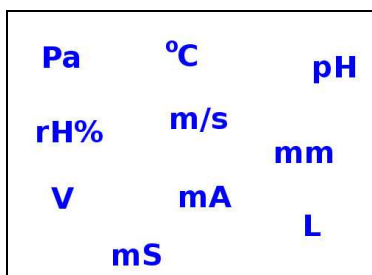
Testing and qualification (DQ, IQ, OQ, PQ) of HVACs, cleanrooms, hospital operational rooms, chemical chambers, weighing chambers as well as verifying of air filters.



Industrial measuring systems

Installing and calibrating on-site multi-channel temperature, relative humidity, pressure, differential pressure, air velocity etc. datalogger and registrator systems according to customer's demand either wireless or with SMS alarming. Installing systems for measuring corrected effective temperature.

INSTRUMENTS FOR SALE



Besides calibration, we also distribute instruments such as temperature, relative humidity, pressure and differential pressure meters, stopwatches, multimeters, Vernier calipers, micrometers, dial indicators, measuring tapes, pH meters, conductivity meters, tachometers, air velocity meters, with or without calibration.



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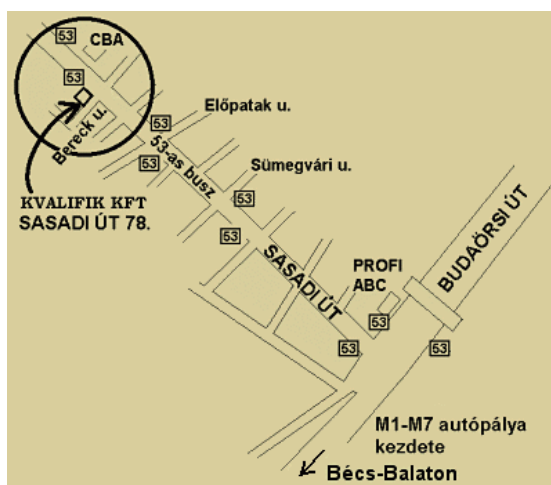
OUR STABLE PARTNERS



...and more than 2000 companies.

QUESTIONS, GUIDANCE

Our qualified specialists with many years of experience are ready to assist you with questions related to measurements, calibration and instruments sales.



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