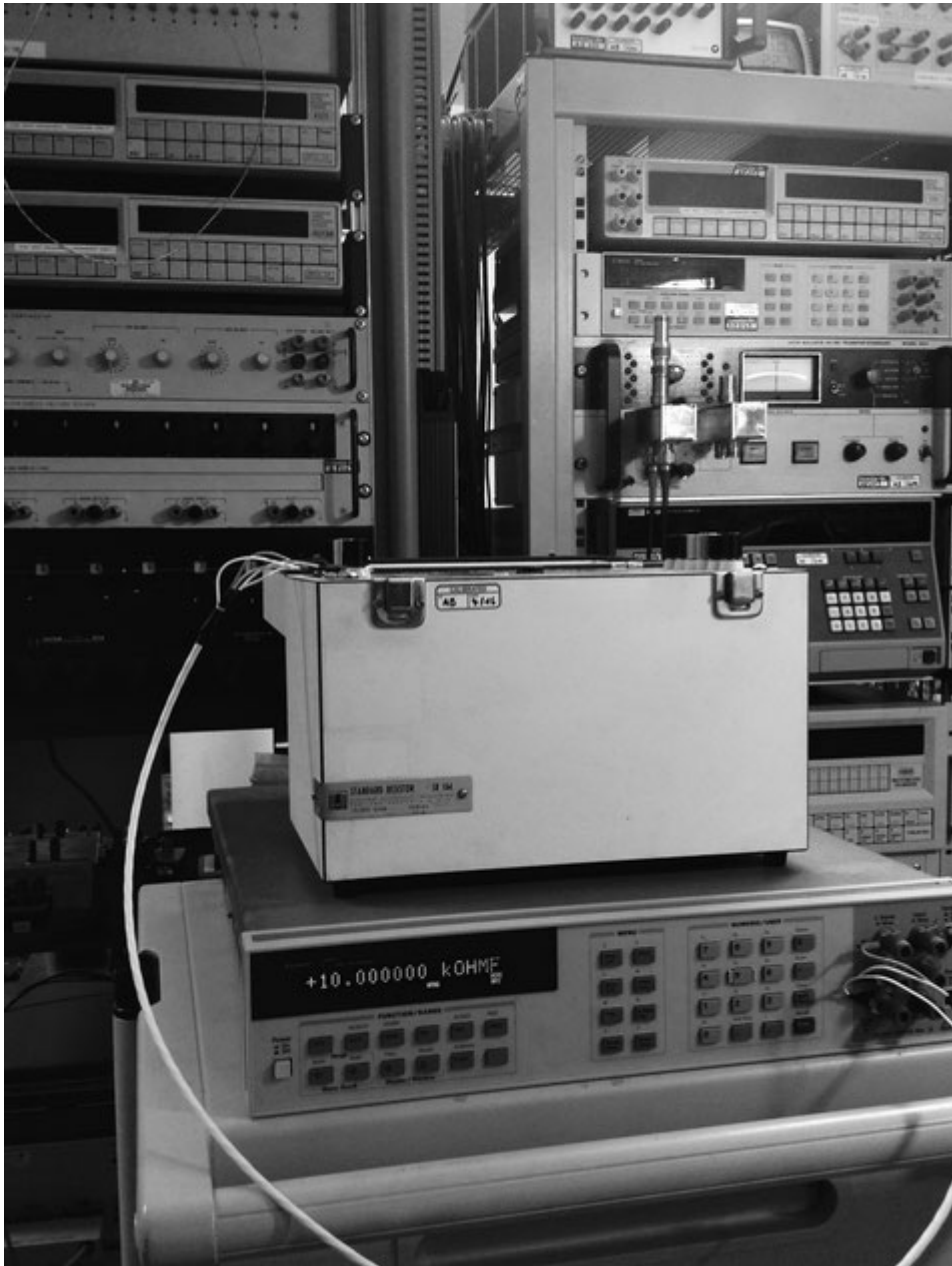


# ab-precision

## CALIBRATION



## OUR SERVICE

We offer **cost efficient** calibration services for your precision test equipment and standards. Our laboratory standards and metrology equipment is traceable to national standards (PTB).

standards for 10V, 10 $\Omega$  and 10k $\Omega$  e.g. are calibrated with an uncertainty below 0.5 ppm allowing us to keep the annual uncertainties below 1 ppm.

While sometimes the common understanding is that calibration includes the adjustment of the item under test, calibration really only means the verification of the equipment's deviation against a standard with known uncertainty.

Sometimes it is actually even desirable to not adjust certain equipment, e.g. to determine its drift rate between calibrations. Other items, such as e.g. resistance standards can often not even be adjusted. Therefore depending on the item, the customer may first have to decide what action to be taken.

We offer both options, only verification (calibration) or adjustment (prior verification on special request) with subsequent verification (calibration). Each calibration is accompanied by a report also identifying the measurement uncertainties.

## LIST OF EQUIPMENT WE SUPPORT (EXCERPT)

The list below is an excerpt of the most popular precision test gear only which we support. Special care is taken to keep measurement uncertainties low. E.g. our 10V and 10k $\Omega$  standards are kept at uncertainties below 1ppm. For actual uncertainties for your specific meter please contact us.

### Products

Keysight	3458A, 34420A, 34470A, 34465A, 34410A, 34401A
Keithley	2002, 2001, 2182/A, 2015, 2000
Datron/Wavetek	1281, 1271, 4910, 4920, 4808
Solartron	7081, 7071
Metrahit	30m, 28s
Fluke	732A, 732B
Resistance Standards	misc.
Voltage Standards	misc.
Coaxial Capacitance Standards	misc.

For other equipment not listed here, please contact us. Unless a firm fix price can be quoted, servicing/calibration services will be charged on a hourly rate of € 85 net.

## CALIBRATION PRICE LIST (EXCERPT)

Equipment / Work done	Price (net / gross)
3458A, adjustment only (10V, 10k, no AC SCAL)	127.50 € / 151.7

5458A, adjustment (10V, 10K, AC) including verification thereafter, with report	540.00 € / 404,60 €
34420A, adjustment and verification	382,50 € / 455.18 €
Solartron 7081/7071, adjustment and verification, with report	255.00 € / 303,45 €
Resistance standard, calibration with report (one value, range 10 Ω to 10 MΩ)	85.00 € / 101,15 €
Voltage standard (one voltage, usually 1V or 10V nominal), verification with report	85.00 € / 101,15 €
Voltage standard (2 voltages, usually 1V and 10V nominal), verification with report	127.50 € / 151,73 €
Coaxial capacitance standard (1pF to 1μF @ 1kHz, one value), verification with report	85.00 € / 101,15 €

Note:

Please note that we are not certified to, nor do we claim compliance with DIN, DAkkS or ISO or the like standards for the factory calibrations we perform. Do not use our calibration services if your application requires such compliance.

## OUR MISSION

Our Mission is to Provide Cost Effective Precision Measurement and Calibration Solutions for Industrial, Scientific and Educational Applications.



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