

# Calibration of electrical measuring devices

## Increasingly reliable measurements

### ■ The right measurement?

If you base your advice and bills on the output of electrical measuring devices, you must be certain that your measurements are correct. A minor disparity can have major financial repercussions.

If you are a supplier of electrical measuring devices, you are doubtless looking for hard guarantees that you can actually provide the quality and reliability you promise.

### ■ Convertible calibration measurements

You can feel reassured by having your devices calibrated by an accredited and independent organisation. A great many quality systems demand nothing less. When choosing, it's important that the lab entrusted with the assignment is allied to primary laboratories. That's the best way to ensure the convertibility and, consequently, the accuracy of the measurements.

### ■ Direct affiliation with primary laboratories

The Laborelec laboratory of metrology is directly affiliated with the Belgian primary laboratory, as well as international labs in Germany and France. Laborelec was one of the first accredited laboratories in the sector in Belgium, and now boasts an extensive accreditation portfolio.

## Extensive service, accurate work

### ■ Wide spectrum of possibilities

The Laborelec laboratory can count on an extensive accreditation domain and high-performance equipment. One of our areas of expertise is calibration of high-voltage apparatus; devices operating at very high currents and voltages are no impediment. We can also carry out simple calibrations of direct-voltage devices. Our expertise and competence in the electricity industry guarantee exceptionally low uncertainty margins.

### ■ BKO accredited

Our laboratory is BKO (Belgische Kalibratie Organisatie) accredited. We always use calibration equipment that has been calibrated in competent laboratories. All of our reference standards are calibrated regularly by a primary European laboratory. To receive a review of the domain for which we are accredited, with corresponding margins of uncertainty, simply email [alain.deffrennes@laborelec.com](mailto:alain.deffrennes@laborelec.com). We will send you a copy of our accreditation certificates at the earliest opportunity.



The technical Competence Center  
in energy processes and energy use.  
**From innovation to operational assistance.**



We share our expertise with you to guarantee the precision and reliability of your electrical measuring apparatus.

### ■ Calibration in the lab or onsite

Below is a list of some of the electrical devices we can calibrate for you. We can work in our lab or on your premises.

- shunts
- multimeters
- voltmeters
- amperemeters
- power analysers
- insulation meters
- high voltage testers
- resistors
- voltage dividers
- current tongs
- energy meters (active/reactive)
- calibrators
- current and voltage transformers
- all electrical sources

### ■ You can also rely on us for:

- Quality tests on measuring devices
- Onsite verification of your measuring installation
- Calibration of energy meters
- Calibration of instrument transformers



### Five reasons for you to choose Laborelec:

- you have one-stop shopping for your energy needs;
- you get access to more than 40 years of experience;
- you get rapid service with reliable solutions;
- you increase the profitability of your installations;
- you benefit from independent and confidential advice.

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