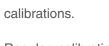# WHY CALIBRATE WITH US?

PROPRIETARY PRODUCT KNOWLEDGE

We use our proprietary product knowledge which only MECALC as the manufacturer can provide to test all analog and digital circuits thoroughly. Other calibration laboratories will typically only calibrate voltage or frequency accuracy, while a MECALC calibration also includes a comprehensive System check and verifies aspects such as noise, drift, grounding, AC coupling, TEDS, excitation, balancing, battery performance and many more.

ALL FEATURES FASTER

MECALC calibrates all product features faster than other calibration laboratories. We take roughly 1000 measurements in 30 minutes. Doing this manually would take days. Thus, we ensure that your System is available again for you as quickly as possible with a minimum System downtime. Calibration turn-around time can be additionally minimized by using our on-site calibration offers.

WITH CONFIDENCE

MECALC's ISO/IEC 17025 accreditation offers confidence in the calibration results. MECALC's ISO/IEC 17025 accredited measurements include traceability, uncertainty of measurement, decision rules, guard bands and compliance statements. MECALC is also an ILAC signatory to ensure our calibrations are recognized and accepted worldwide as equivalent to DAkkS or A2LA accredited calibrations.

Regular calibration ensures that the risk of measuring with defective hardware is minimized by detecting defects early. This provides reliable and repeatable measurement results. Regular calibration enables one to establish trends by plotting results on control charts. Should a hardware defect be detected, MECALC product experts can advise on the impact on measurement results and offer repairs without delay. If repairs are required, pre- and post-adjustment calibrations are performed to record any potential changes affecting the repeatability of measurements taken before and after the repair.

EXTEND YOUR WARRANTY

Calibrating with MECALC could also extend your warranty. Please get in touch with your responsible MECALC partner for more details.

DCAT
Calibration & Testing

SYSTEM
UNDER TEST

TRACEABILITY
ESTABLISHED
THROUGH A CALIBRATED DIGITAL MULTIMETER

DCAT SYSTEM