Accredited calibration of humidity sensors

Make sure that your company’s moisture metres and sensors are functioning correctly by having them calibrated at FORCE Technology.
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Correct humidity measuring is a determining factor in many situations. If the moisture content, in e.g. a production or a laboratory is not at the required level, it could have serious consequences for products and processes. Therefore, it is important that your company’s humidity measuring equipment measures correctly every day of the year.

You can be certain that your sensors measure accurately within accepted measurement uncertainties by having them calibrated at regular intervals. FORCE Technology is a market leader within calibrating of humidity sensors, and is designated by the Danish Safety Technology Authority, as national reference laboratory for airborne humidity. Moreover, we are accredited by DANAK, to carry out calibration of humidity sensors, and a range of measurements. We guarantee complete traceability and quality assured calibration.

FORCE Technology performs calibration of:
• Humidity and temperature instruments
• Data loggers and sensors
• Mirror hygrometers
• Psychrometers
• Sensors for low dewpoints measurements (down to -75 °C)
• Hair hygrometers
• Thermal hygrographs

Furthermore the calibration, FORCE Technology offers guidance about humidity measuring. We assist in troubleshooting and with identifying solutions to obtain full control over the humidity content in the production and processes.

FORCE Technology has many years of experience with measurement and calibration within the humidity area. We have advanced facilities and high class equipment that offers some of the market’s best and most knowledgeable experts within measuring of air humidity.

By choosing FORCE Technology for calibration of your humidity sensors, you will obtain:
• Accredited calibration
• Accuracy of the highest international class
• Full traceability
• Clear documentation
• Access to the latest knowledge about standards, via FORCE Technology’s active participation in standardisation working groups.

SPECIFICATIONS
The service includes calibration within two main areas:

**The wet area**
Calibration of dewpoint, temperature and relative humidity
Dewpoint interval: -10 °C to +82 °C
Air temperature interval: +15 °C to +85 °C

**The dry area**
Calibration of dewpoint
Dewpoint interval: -75 °C to +20 °C

MORE INFORMATION
FORCE Technology can assist with humidity measurements, calibration of humidity sensors.

Contact us to find out more: tel. +45 43 25 14 50.
INDUSTRIES
With FORCE Technology’s high measuring accuracy, we can satisfy even the most stringent requirements from industries such as:
• Medico Laboratories
• Marine and offshore
• Automotive
• Industry and automation
• Agriculture and food
• Building and construction
• Military and aerospace
• Telecommunications and electronics

STRATEGIC ADVANTAGES
With an accredited calibration of humidity sensors, you will gain a variety of strategic advantages:
• High assurity for accurate measurements
• Fewer breakdowns and product failures due to incorrect humidity content
• Reduced cost in connection with warranties and complaints

FACTS

Hørrholm

IEC 62506, GMW8758
SIMILAR SERVICES
FORCE Technology offers a wide range of other test services, please see below. In addition, we can offer a customised solution where we perform tests across several parameters within a single process, according to your needs. Contact us to find out more: +45 43 25 14 50.

**ACCREDITED PACKAGING TEST**

**ACCREDITED MECHANICAL TEST**

**ACCREDITED EMC TEST**

**ACCREDITED CALIBRATION OF HUMIDITY SENSORS**

**ACCREDITED INGRESS PROTECTION (IP)**

**ACCREDITED CLIMATIC TEST**

**ACCREDITED EMC TEST**

**ADVICE ABOUT PRODUCT APPROVALS**

**WIRELESS APPROVAL AND PERFORMANCE TEST**

**ACCREDITED PACKAGING TEST**

**TENSILE AND FATIGUE TEST**

**GUIDANCE ABOUT MARKET ACCESS FOR MEDICAL DEVICES**

**EMC PRE-TEST: DO-IT-YOURSELF**

**ELECTRICAL SAFETY TEST**

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**FORCE Technology**

Headquarters
Park Allé 345
2605 Brøndby
Denmark

Tel. +45 43 25 00 00
info@forcetechnology.dk
forcetechnology.dk

FORCE Technology
Venlighedsvej 4
2970 Harsholm
Denmark

FORCE Technology
Agro Food Park 13
8200 Aarhus N
Denmark

FORCE Technology
Nordborgvej 81, L7-514
6430 Nordborg
Denmark