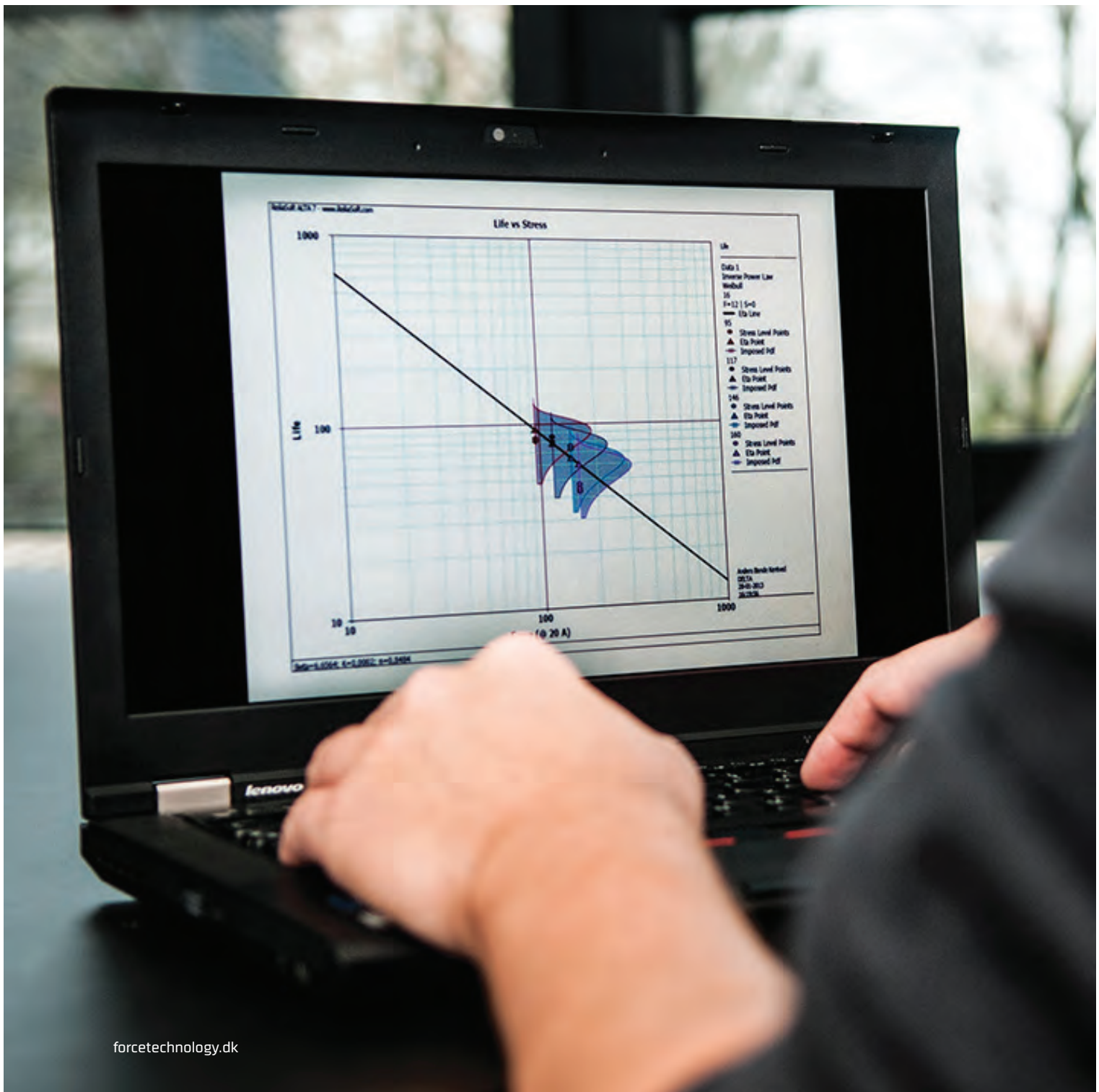


# Accelerated reliability test

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Using an accelerated reliability test, you can, over a short period of time, expose your product to conditions similar to those the product will be exposed to during its lifespan. In this manner, the test offers you knowledge about your product's life expectancy. This gives you a documented foundation for deciding whether the reliability is satisfactory, or whether there is a need for adjustment of the product design. In addition, the test gives you an excellent outset for creating a service policy to your customers.

FORCE Technology helps you with advice and guidance on reliability issues in connection with your particular product, and we can help you make a strategy for testing your product under accelerated conditions. FORCE Technology can test the complete product or separate and more critical parts, with relevant parameters such as temperature, temperature, humidity, corrosion, vibration, shock and bumps.

Because we stress the product on selected parameters to simulate the effects of many years, we call it an accelerated reliability test. Among other things, we offer:

- **Mission Profile** provides a description of the conditions that the product realistically will be exposed to during its lifespan - both the type of influences as well as their varying degrees of intensity. Mission Profile is the starting point for the calculation of your product's life expectancy.
- **ALT (Accelerated Life Testing)** assesses a product's life expectancy based on acceleration models.
- **CALT (Calibrated Accelerated Life Testing)** predicts the life expectancy by using a statistical method with the fewest possible number of test subjects and the shortest possible test time.

Accelerated reliability test do not replace all other types of test, but it is the method to determine a product's life expectancy.

FORCE Technology has a wide range of laboratories and facilities for reliability tests. We have some of the industry's most experienced and knowledgeable testing experts who want to help you reach your goal with a complete and successful result.

By using FORCE Technology as your partner for your reliability test, you will get:

- Expert advice about the test procedure
- Access to extensive knowledge and experience of testing a multitude of product types
- The possibility to expand the testing to include many different parameters.

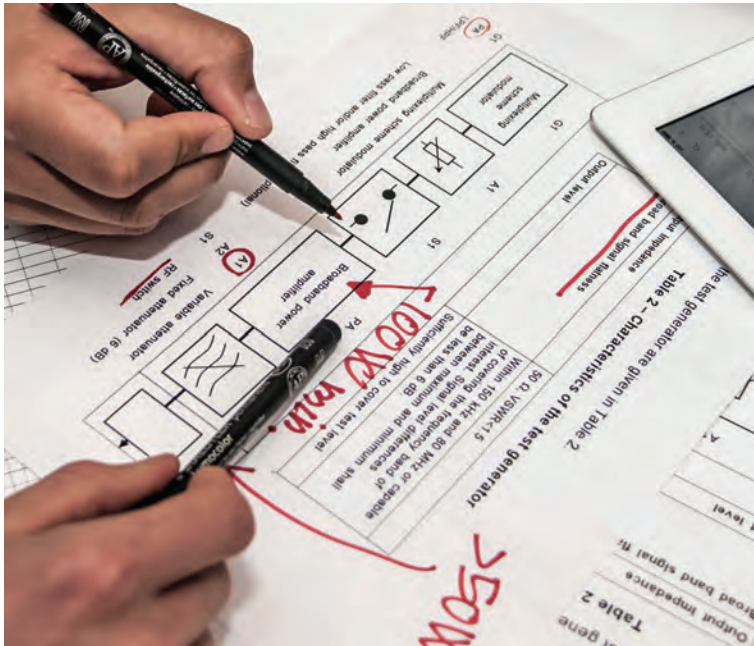
## SPECIFICATIONS

FORCE Technology has a broad range of test equipment used for accelerated reliability tests on a number of parameters such as temperature, moisture, corrosion, and vibration.

## MORE INFORMATION

FORCE Technology can offer guidance and specialist knowledge about reliability testing during all phases, before, during and after testing, including during the concept and design development phase, as well as guidance in connection with troubleshooting on existing products and production equipment.

Contact us to find out more: tel. +45 43 25 14 50.



### STRATEGIC ADVANTAGES

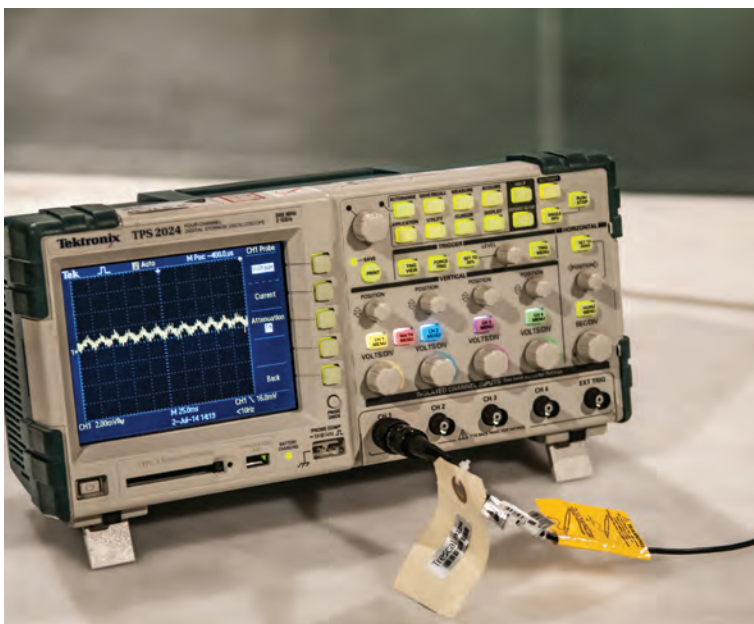
With an accelerated reliability test you will gain a number of strategic advantages:

- Identifying potential product reliability issues at an early stage
- Documentation of product lifespan
- Basis for determining your service strategy




### INDUSTRIES

- Medical devices and welfare
- Military and aerospace
- IT and telecom
- Automotive and transportation



### FACTS

 Hørsholm  
Nordborg

 IEC 62506, GMW8758

## SIMILAR SERVICES

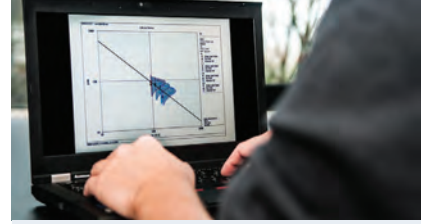
FORCE Technology offers a wide range of other test services, please see below. In addition, we can offer a customised solution where we perform tests across several parameters within a single process, according to your needs. Contact us to find out more: +45 43 25 14 50.



ACCELERATED EMC TEST



ACCELERATED ROBUSTNESS TEST



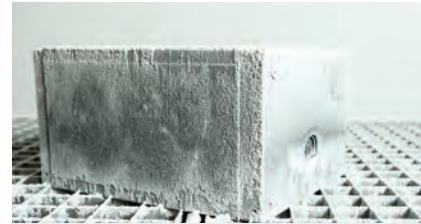
ACCELERATED RELIABILITY TEST



ACCREDITED CALIBRATION OF HUMIDITY SENSORS



ACCREDITED MECHANICAL TEST



ACCREDITED INGRESS PROTECTION (IP)



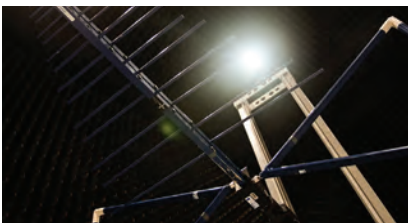
ACCREDITED CLIMATIC TEST



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

## 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 Hørsholm  
Denmark

FORCE Technology  
Agro Food Park 13  
8200 Aarhus N  
Denmark

FORCE Technology  
Nordborgvej 81, L7-514  
6430 Nordborg  
Denmark