

## Accredited packaging test

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The increasing global trade means that more and more products are being shipped far under harsh conditions. Therefore, the packaging you choose for your product is essential to ensure that the product reaches the consumer in the desired condition.

You can be assured that your package can handle all levels of the distribution chain by using packaging test from FORCE Technology. You can test both the shipping packaging and product packaging in all types of material in order to document that your packaging meets the requirements and expectations set by you and your collaborators.

FORCE Technology is an accredited laboratory to conduct packaging test according to standards from ISTA® (International Safe Transit Association). We are authorised to conduct multiple types of packaging tests, so that they correspond with the real-life effects that packaging is subject to.

At FORCE Technology you can have your packaging tested on several parameters: Free fall, vibrations during transportation, compression, as well as sensitivity to moisture and temperature during storage. In close cooperation with you, we select the appropriate test series and measuring points: Full simulation, partial simulation or no simulation.

You do not only get a test, but also relevant guidance along the way so that you are testing correctly and have the opportunity to optimise your packaging design.

FORCE Technology is accredited to perform test in three different series of ISTA®'s packaging tests, and has advanced testing facilities for this purpose. We have some of the industry's most experienced and knowledgeable testing experts who focus on that you end up with a complete and successful result.

By collaborating with FORCE Technology for your packaging test, you will get:

- Third party tests
- Tests which are methodologically correctly conducted
- Testing conducted by independent, international standards in accordance with ISTA®
- Expert advice on whether any adjustments are needed for the packaging design
- Access to the great knowledge about standards, via FORCE Technology's active participation in standardisation working groups

FORCE Technology's packaging tests are conducted at our test centre in Nordborg, where we create a test set-up corresponding to actual transport conditions by means of moisture and temperature chambers, systems for vibration testing, free fall tests, compression machines and equipment to test for horizontal impact (Incline Impact Testers). You have the possibility to be present at the test.

## SPECIFICATIONS

### Scope of testing

FORCE Technology's laboratory has the following equipment to test your product according to the chosen standard:

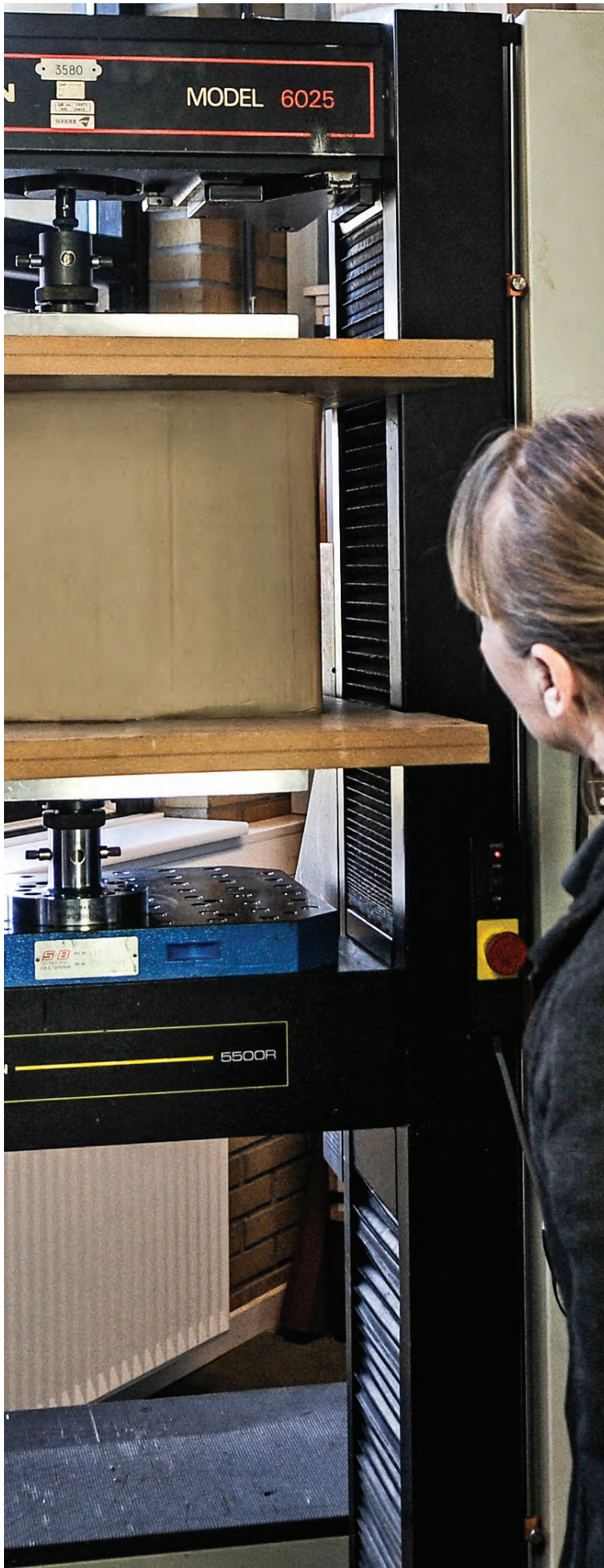
- Climate Chambers for exposure to temperature and/or humidity
- Droptester and drop hook for free fall
- Shakers for random test
- Compression tester to test strength of stacking
- Incline Impact tester to test horizontal impact and additional equipment e.g. rotational edge drop.

## MORE INFORMATION

FORCE Technology can help you with a wide range of other types of environmental tests. We offer guidance and specialist knowledge throughout 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.

Other environmental tests that we offer include: climatic tests, tensile and fatigue testing, corrosion and HACT tests, as well as leak tests. 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: tel. +45 43 25 14 50.



### STRATEGIC ADVANTAGES

With an accredited packaging test you will gain a number of strategic advantages:


- An internationally recognised test method
- An increased likelihood that your products will reach their destination unharmed and safe
- A combination of tests and guidance that will allow you to optimise the packaging design


### SECTORS

We offer packaging tests and other environmental tests for mechanical, electronic and electromechanical products, for many industries including:

- Consumer electronics
- Industrial electronics
- Medical devices and welfare
- Military and aerospace
- Marine and offshore
- Machinery and production equipment
- Technical audiology
- IT and telecom
- Automotive and transportation
- Wind and energy

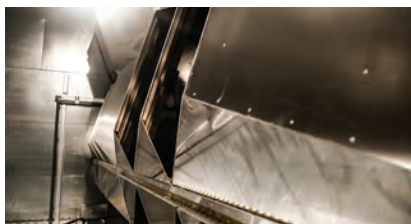
### FACTS

 Hørsholm  
Nordborg

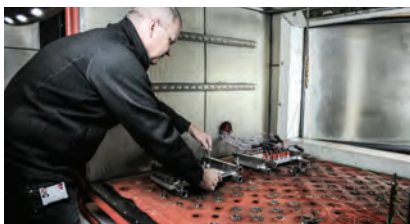
 ISTA® 1 Series, ISTA® 2 Series,  
ISTA® 3 Series, ASTM D4169

## SIMILAR SERVICES

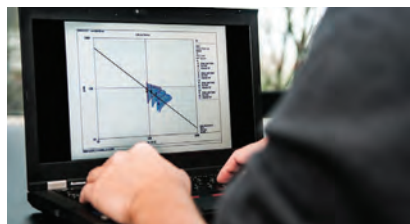
FORCE Technology offers a wide range of other test services, please see below. In addition, we can offer a customised solution where we perform tests across several parameters within a single process, according to your needs. Contact us to find out more: +45 43 25 14 50.



ACCELERATED EMC TEST



ACCELERATED ROBUSTNESS TEST



ACCELERATED RELIABILITY TEST



ACCREDITED CALIBRATION OF HUMIDITY SENSORS



ACCREDITED MECHANICAL TEST



ACCREDITED INGRESS PROTECTION (IP)



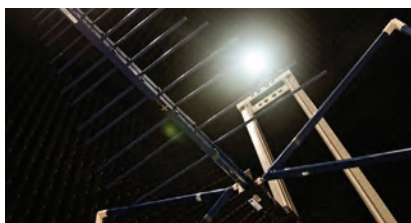
ACCREDITED CLIMATIC TEST



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

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