

SCIENTIFIC TESTING

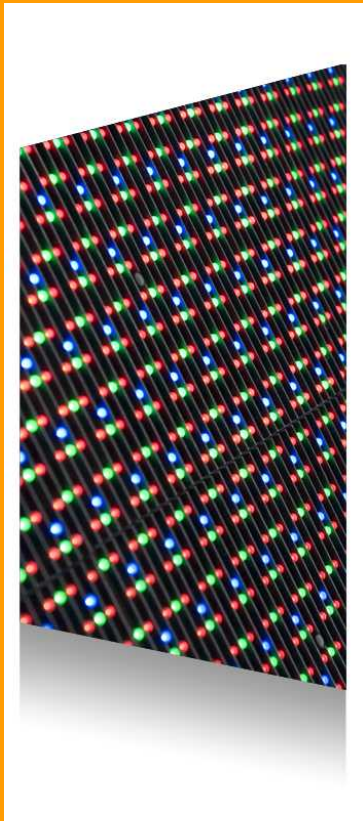


Solar Simulator
Solar Simulator Finland Ltd.

Solar Simulator is a testing facility specialized in testing of effects of the environment. We produce new information on products' capacity to withstand solar radiation and extreme weather conditions.

Knowledge we get from the experiments works as part of our customers' product development and provides them with marketing tools and evidence to be utilized in their sales and marketing

Benefit concepts



**Electronics
Display**



**Defence
Automotive
Aviation**



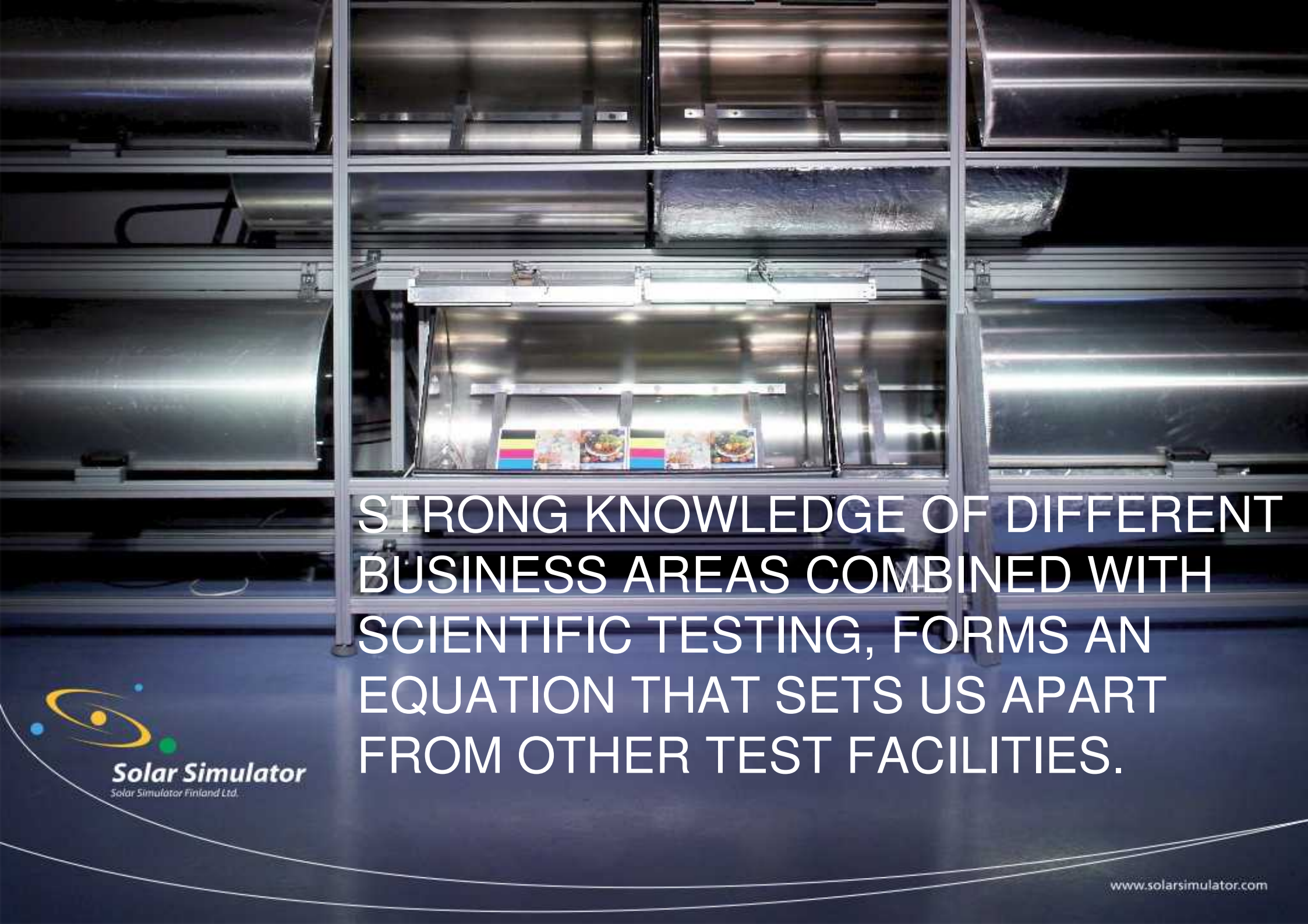
**Building
Plastic
Coating**



**Lighting
Optics
LED**



**Solar
integration**



STRONG KNOWLEDGE OF DIFFERENT
BUSINESS AREAS COMBINED WITH
SCIENTIFIC TESTING, FORMS AN
EQUATION THAT SETS US APART
FROM OTHER TEST FACILITIES.

Service Process



SOLAR FUNCTIONAL



1. Reception

Samples of our customers arrive safely through our world-wide logistics partner

2. Testing

We reserve required equipment capacity for the customer's use. The test will be started quickly.

3. Continuous observation

with Luna Analysis. We monitor the test process and let our customers know about significant changes in the samples.

4. Documentation

Reporting and operations according to ISO/IEC 17025. Executive Summary for supporting sales.


5. Delivery

Samples and test report are returned quickly.



Solar Simulator

Solar Simulator Finland Ltd.

A red sports car is positioned in a solar simulator. The car is tilted upwards, and its body is illuminated by a bright light source. In the background, a row of five bright circular lights is visible, with several black cables hanging down from them. The overall scene is dark, with the car and the simulator lights providing the primary illumination.

LONG AGO KOPERNIKUS
PROVED THAT EVERYTHING
REVOLVES AROUND THE SUN



Solar Simulator

Solar Simulator Finland Ltd.

TELLUS

Functional Solar Test

We test functionality of the product. Testing times are short, only few days.

URANUS

Comparative UV Analysis

We compare tested samples to chosen references. In addition to UV-radiation other environmental strains can also be taken.

MERCURY

Environment and Ageing Analysis

We design a test befitting the product's true use, operating and business environment.

VENUS

Greenhouse Test

We test the effects of changes in temperature, humidity, acid and salt for example on corrosion sensitive products.

MARS

Red Planet Test

Red is one of the worst colours at resisting fading caused by solar radiation. Red can be a part of your product's identity.

LUNA

Analysis and Consultancy


We complete optical, mechanical, thermal, biological and electrical analysis combined with tests. Optical analysis we complete also as separate measurements.



SOSIFI®

Weather Tested label is part of our open electronic filing service. The label includes always the appropriate text, for example *Colour, Corrosion, Stability* or *Mechanical*





OUR AIM IS TO PROPEL OUR
CUSTOMERS ON TOP OF THEIR
BUSINESS BY WORKING CLOSELY
WITH THEM AND CONCENTRATING ON
CONTINUOUS DEVELOPMENT WORK.

Solar Simulator Finland
Keskiläntie 5
FI-20660 Littoinen
Finland
contact@solarsimulator.com
+358 (0)2 474 1600



Solar Simulator
Solar Simulator Finland Ltd.