

# TEST ENGINEERING

products validation and optimisation from engineering to tests facilities



## Your expectations

You would like to:

Establish the correlation between calculation and experiment.

Characterise or validate your sub-systems, elements, components or parts under near-real conditions.

Optimise an existing product.

## Our solutions

An approach dedicated to engineering methodologies and test facilities:

Support from formalising your requirements to analyse the tests.

Skilled in the mechanical design of test benches.

Skilled in fatigue post-treatment.

Design of special benches:

Design, manufacture, acceptance and assembly of multi-axial static or dynamic test benches.

Synthetic signals or simulation tests that can incorporate:

- Load or distortion control
- Temperature control
- Instrumentation (load, stress, temperature, pressure)

Using the results: analysis of sensor or gauge recordings, fatigue post treatment, fatigue reliability analysis.

Complex tests carried out on facilities ranging from 0.5 kN to 5,000 kN.

Non-destructive testing

## Your benefits

A multi-disciplined team

More than 40 years' experience in mechanical endurance testing.

Comprehensive management of your requirements

Project monitoring adapted to your demands