



INNOVATIVE TESTING FOR FOOTWEAR AND LEATHER GOODS

How to test your product as closely as possible to its use?

UNIQUE TESTING METHODS

CTC, through its **innovative technological platforms**, offers a methodology that evaluate the **resistance, durability and performance** of your products.

To meet your needs, our innovation experts set up unique testing methods on various specific or robotic industrial testing machines.

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INNOVATIVE TESTING

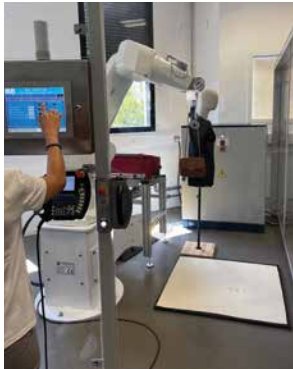
FOR FOOTWEAR AND LEATHER GOODS

CTC sets up, together with clients, a method of accelerated reproduction of real-life use cases on footwear and leather goods.

The CTC method

A biomechanical analysis in CTC's «living lab», allows to obtain the trajectories and efforts related to the use of the product by a panel of testers, and then to set up two specific machines: the walking and running simulator and the robotic cells.

These two systems then simulate these average use situations in an accelerated way in order to get results that are similar to those obtained in wear tests.



Biomechanical analysis of the use

The CTC living lab uses biomechanical tools to analyse the uses and performance of products, as well as their impact on the human body. Motion and effort analyses are performed on your products to enable the creation of unique testing methods. These biomechanical measurements are possible for all items of the leather industry.

Testing for leather goods

Thanks to robotic cells, CTC is able to simulate uses, estimate product performance and detect possible non-quality points in leather goods. Thus, we offer innovative tests reproducing different real-life use cases: dropping a bag on the floor, walking with the product, opening/closing a luggage or bags or even the accelerated use of a watch bracelet.



Contact us for your specific requests



Testing for footwear

A unique specific machine developed and patented by CTC is able to simulate all uses related to walking and running situations. It allows to evaluate the performance of your products, to perform quality benchmarks and to detect possible design problems on your products. Data related to various parameters such as : cushioning, energy release, grip, dynamics... allow to estimate the resistance to use of city, comfort, sport shoes or PPE footwear.

- Technical support from our innovation and subject matter experts
- Setting up test methods and an organisation adapted to your specific needs
- Scientific use studies

Tests and observations carried out in laboratories and on industrial platforms

CTC Guarantees

Personalized follow-up adapted to your needs

A unique expertise in :
- biomechanical analysis
- physical and mechanical testing

CTC experts have specific skills in innovative measurement tools and test development