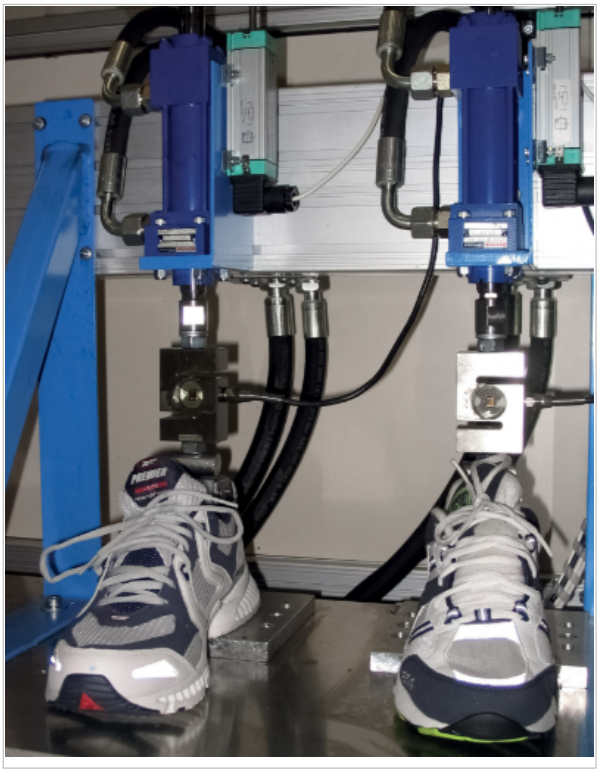
Resistance of outsole after compression cycles (running)

Objective

The objective of this test is to apply compression ageing to the rear part of a shoe sole (heel), by reproducing the impacts that occur when running.



Principle

The test consists of compressing the rear of the shoe sole 100,000 times. To do so, a rigid last is placed inside the shoe, and a cylinder applies cyclic loads to this shape. It is possible to use running type frequencies. At the end of the test, a crushing value is read. This represents the sinking of the sole. Possibly, this test might be combined with measuring the transfer coefficient (tests performed before and after ageing).

Type: Physical and mechanical test
Standard: CTC method - CTC-P-CH-018
Product: Footwear
Criteria: Performance

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