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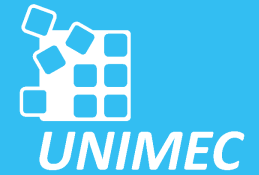
FreeFall

TEST OF SHOCK RESISTANCE FOR WRIST WATCHES



FreeFall

Test of free fall shock resistance



■ *Equipment*

• According to **ISO1413**-standard, this equipment enables to expose watches to free fall in order to test their shock resistance.

■ *Connection*

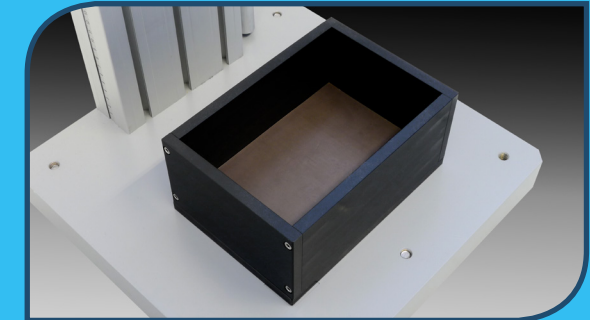
• This equipment does not need any electric or pneumatic connection. A manually operated trigger enables the user to run the fall.

■ *Mechanism*

• Watches is placed on a pivoting trap door. A spring system enables to fold up the trap door and avoid any perturbation during the test.

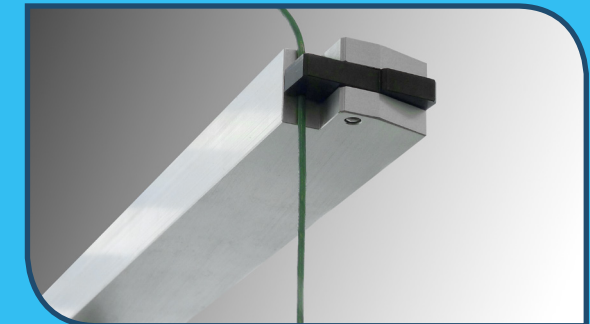
■ *Stability et repeatability*

• Equipment is assembled on a cast iron base, which guarantees machine stability and shock repeatability.



■ *Measuring system*

• As an option, a measuring system enables the user to qualify the shocks according to different heights of fall.



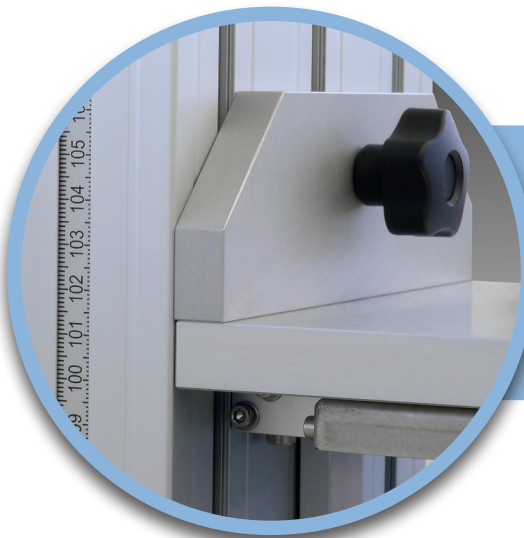
This measuring system includes an accelerometer, an oscilloscope and an analysis software.

■ *Protection*

• A Delrin protection is available in option. This protection can be placed on the base and avoid tested products to fall out of the machine.

■ *Adjustable height*

Drop height is adjustable from 200 to 1'060 mm. The user can adjust it with a ruler placed on the equipment's side.



Technical data

Drop height	from 200 to 1'060 mm
Dimensions (l x d x h)	350 x 350 x 1'250 mm
Weight	57 kg
Trap door dimensions	90 x 140 mm