

# LABORATORY EQUIPMENTS



Made in EU

**Pegasil**<sup>®</sup> by **ZIPOR**



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Shock absorption tester for ankle protection materials

**EL-91**

**Standards:** EN ISO 20344 : 5.17

**Commercial Services:**  
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# LABORATORY EQUIPMENTS

## Shock absorption tester for ankle protection materials

### DESCRIPTION:

#### Principle:

A test piece taken from the ankle protective area of the upper is subjected to an impact test and the transmitted force is measured.

#### Procedure:

The test piece is positioned outer surface upwards on the anvil in such a way that a part of the test area covers the centre point of the anvil. The test piece may be fixed in the selected position by covering with a suitably thin net or fabric with a centre hole of 20 mm to 25 mm diameter to avoid influencing the result. This auxiliary device should be pulled down, by means of elastic straps, with an overall force of 5 N to 10 N, which can easily be controlled by the force measuring system itself. The drop striker is then released and the transmitted force as well as damage or breakage of the test piece is recorded.

All moving parts requiring access are protected by a fully interlocked safety guard ensuring that the machine conforms to the European latest safety regulations.

#### Supplied with:

. Operating instructions ; conformity / calibration certificate

#### Standards:

EN ISO 20344 : 5.17

#### Power Consumption:

450 W

#### Noise:

70 db

#### Power Supply:

. 220 V.AC - 50 / 60 Hz  
. Pneumatic air 6 bar - 3 lit/min.

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