

LABORATORY EQUIPMENTS



Made in EU

Pegasil[®] by **ZIPOR**



“BENNEWART” flexing machine

EL-13

Standards: SATRA TM161 ; EN ISO 20344:8.4 ; DIN 53543:6.3 ; EN ISO 17707

Commercial Services:
Tel.: +351.256 831 411
Fax: +351.256 831 412

ZIPOR - Equipamentos e Tecnologia Industrial, S.A.

email: pegasil@zipor.com

Technical Services:
Tel.: +351.256 888 240
Fax: +351.256 888 121

LABORATORY EQUIPMENTS

"BENNEWART" flexing machine

DESCRIPTION:

The fatigue flexing test is applied to assess the resistance of soling materials such as PU, thermoplastic rubber, rubber, PVC, and other solings to crack formation and growth under changing flexural stress.

The testing machine is supplied with three workstations having each one a fixed and moving test piece clamp all of them presented horizontally for operator ease and comfort. The test specimens are guided in such a way that on one side it can be bent at an angle of 90° about a mandrel with a radius of 15 mm at 140 flexes per minute. The design of the flexing device ensures that in bent condition, the plane formed in a stretched condition by the two clamped faces over the outline perimeter of the flexing roller will not change its length, so that the stretch of the test specimen depends only on the roller diameter and the thickness of the test specimen.

The fatigue flexing tester is equipped with a switch that enables the operator to stop the test piece clamp in two different positions, in stretched position to attach specimens in such a way that the clamped areas form a plane with the outline perimeter of the flexing roller or at maximum flexing angle to measure the crack length.

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
. Chisel ; chisel holder

Standards:

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Power Consumption:

600 W

Noise:

65 db

Power Supply:

230 V.AC - 50 / 60 Hz

We reserve the right to adopt any engineering or design alterations even without previous notice.

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