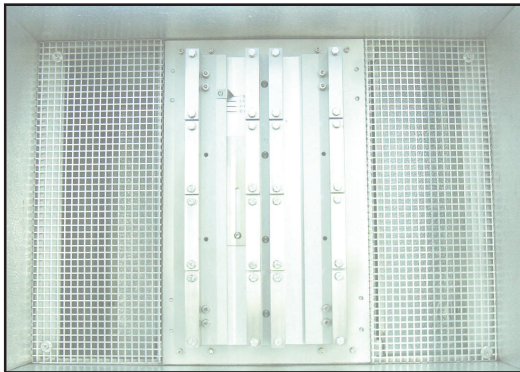


LABORATORY EQUIPMENTS



Made in EU

Pegasil[®] by **ZIPOR**



“Plis Croisés” flexing machine with 8 stations

EL-19F

Standards: NF G52-020

Commercial Services:
Tel.: +351.256 831 411
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LABORATORY EQUIPMENTS

“Plis Croisés” flexing machine with 8 stations

Purpose:

This equipment has the main purpose of test the behavior of leather, artificial leather and similar sheet materials when subjected to repeated folding. The machine is equipped with 8 (eight) workstations and is fitted inside a cold chamber, so its possible to perform tests since room temperature till -25 °C.

The present method has the double objective of determine the solidity of leathers when submitted to repeated flexing cycles assimilated to rubbing movements and also the mechanical aging generated can be considered like a preparation of test samples to the determination of the leather solidity to rubbing.

DESCRIPTION:

The machine basically comprises the following elements:

- a)** eight pairs of clamps with suitable surface for tightening the test specimens, with dimensions 80x20 mm. At initial position they present themselves face-to-face for the insertion of specimens;
- b)** an electric motor moves the clamps in two alternative movements according to the perpendicular axes;
- c)** “Clamp A” moves according to a perpendicular to XY axis, the half stroke is adjustable. This movement is performed for both sides from the initial position. The frequency of the movement is 60 revolutions / minute;
- d)** “Clamp B” moves according to XY axis of the test specimen. The stroke is fixed with a value of 5 mm. The movement has a double frequency regarding to the other clamp.

Besides the components mention above the equipment front command panel has:

- . digital temperature controller;
- . digital counter;
- . emergency button;
- . four buttons with the functions: POWER; START; STOP and MANUAL (slow) movement.

Supplied with:

- . Operating instructions ; conformity / calibration certificate
- . Press knife

Standards:

NF G52-020

Power Consumption:

500 W

Noise:

64 db

Power Supply:

230 V.AC - 50/60 Hz

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