

## PUNCTURE Testing Device DE-60

This device is designed to perform resistance tests to the puncture of materials of flexible packaging and packaging, stretchable plastic films ..., coupled to a Universal Testing Machine

According to the Standard: ASTM D 5748



The test device consists of:

- ❑ Puncture tip with rounded tip. The rounded tip of the puncture rod with coupling to the jaw-holding device.
- ❑ Bottom sample holder, fastening device with 2 quick-release clamps to accommodate and hold the circular samples of the plastic films to be tested.

Operating Process:

Open the two lateral clamps and place the sample with the upper plate with the elastomer coated side in contact with the film sample, and center it well, aligned, then close the top plate by means of the two fasteners. Select in the Universal Testing Machine the force scale so that the resistance to the perforation of the sample is within the range between 20 and 80% of the capacity of the load cell. Prefix a speed of the mobile crossbar at 250 mm / minute, approach the probe as close as possible to the sample to be tested without reaching the contact.

Activate the machine and perform the test.