

Environmental Stress Cracking Resistance Tester (ESCR)

- Oil bath made of steel with internal dimensions of $27 \times 24 \times 24$ cm
- Included with a temperature control with a resolution of 0.1 °C to a maximum temperature of 120 °C
- With a stirrer motor for complete uniformity of liquid temperature
- Hand punch machine and rectangular mold with dimensions of 13×38 mm to prepare samples
- Hand punch machine and groove mold to create controlled grooves and cuts at the samples
- Pyrex test tube with a nominal length of 200 mm and an external diameter of 32 mm with a cap
- Brass channels with internal width of 11.75 mm and parallel sides, sharp and vertical corners and smooth inner surfaces
- With a steel tray to hold 10 sample tubes in the bathroom
- Clamps with specific dimensions for bending specimens
- Included with a special plier for transferring samples
- Designed and manufactured in accordance with ASTM D1693, INSO 7175

