

KASON CGT-80 Notched Constant Tensile Load (NCTL) Tester

Application:

This tester is used to measure the tensile stress cracking properties of notched plastic sheets under specified test conditions and constant tensile loads.

Standard:

ASTM D5397-99 "Standard Test Method for Evaluating the Stress-Tear Resistance of Polyolefin Geomembranes by Notched Constant Tensile Loading."

Technical Specifications:

Instrument test units: 6;

Number of test stations per group: 5;

Load range: 125g to 1370g;

Hanging tube: 122g ± 3g;

Weight: 650g ± 3g;

Glass tube capacity for steel balls: 600g (for load adjustment during testing);

Timing range: 1s to 9999h 59min 59s;

Timing accuracy: 1s;

Timing deviation: ±1min;

Constant temperature chamber capacity: 144L;

Temperature control range: Room temperature to 80°C;

Display resolution: 0.1°C;

Temperature control accuracy: ±0.5°C;

Specimen grip shaft diameter: Φ6;

Ambient operating temperature: 10°C to 35°C;

Heating power: 3.0kW;

Power supply capacity: 220VAC 50Hz 4.5kVA

Dimensions: 1900mm (L) × 450mm (W) × 1400mm (H)

Weight: 180kg

FOCUS IN MATERIAL TEST

KASONTTEST®

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