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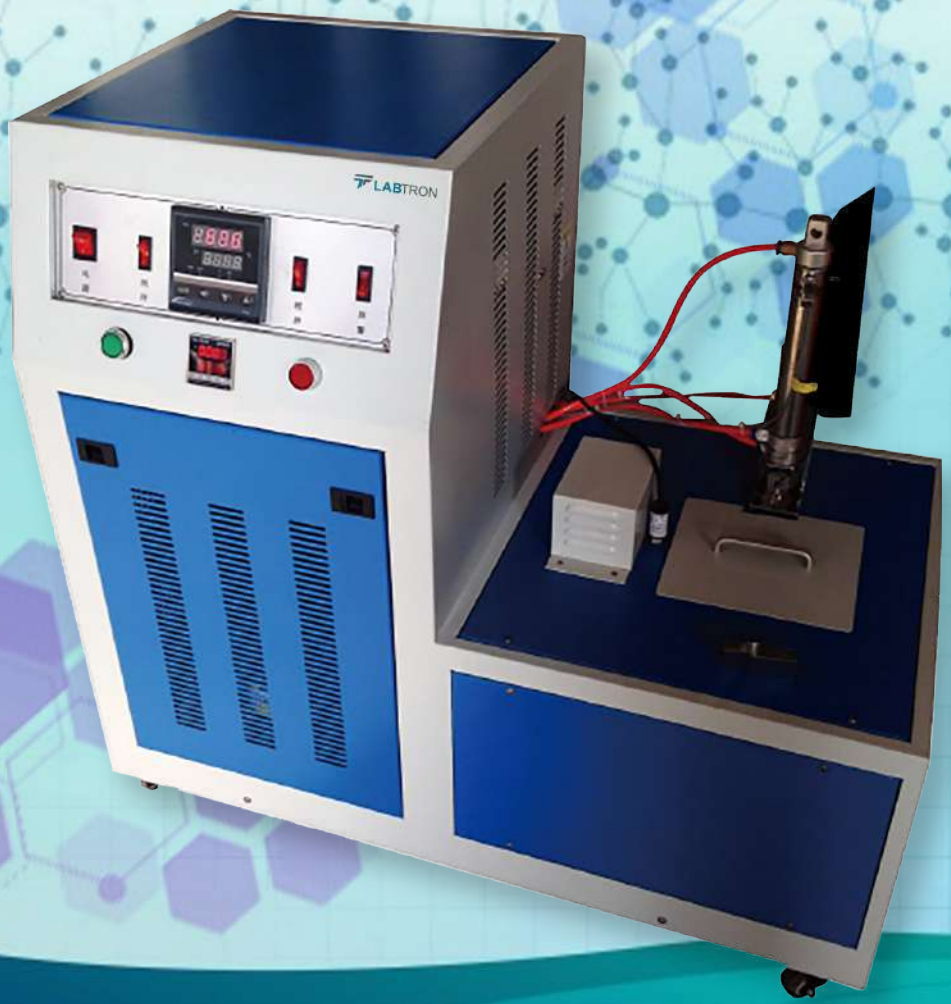
Rubber low temperature brittleness tester TRBT-A11



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Rubber low temperature brittleness tester TRBT-A11

Rubber low temperature brittleness tester TRBT-A11 is specialised to study the effects of low temperature on rubber. This is achieved when vulcanized rubber is exposed to damage via an impact from test conditions; which is therefore called as brittle temperature. It identifies the difference between non-rigid plastic on exposure to low temperature. Flexible in evaluating low temperature performance quality of different types of vulcanized rubber materials which is essential in production process.

Feature

- LED display to observe temperature value
- Temperature ranges from Room temperature to -70 °C
- Can indicate highest brittleness test temperature
- Tests can be conducted for vulcanized rubber or other vulcanized material
- The lowest temperature for the rubber brittleness tester can be - 80 °C

Application

Applicable in scientific research testing, quality analysis, inspection units to measure highest temperature of vulcanized rubber and other materials.

Specifications

Model No.	TRBT-A11
Temperature control range	Room temperature to -70 °C(room
	temperature ≤25°C)
Temperature accuracy	± 0.3 °C
Impact speed	0°C to - 30°C around 2.5 °C/min
	-30°C to - 40°C around 2.5 °C/min
	-40°C to - 70°C around 2.0 °C/min
Max dimension (L × W × H)	910 × 510 × 860 mm
Effective test space of the chamber (L × W × H)	280 × 170 × 120 mm
Digital timer	0 s to 99 min
Time resolution	1 s
Cooling medium	Ethanol or other non-freezing liquid
Stirring motor	8 W
Power supply	220 V -240 V; 50 Hz; 1.5 kW
Working temperature	≤ 25 °C