

## KASON-RLT6300 Rubber and Plastic Low Temperature Brittleness testing machine



### Product instruction

Rubber Low Temperature Brittleness tester is used to measure the highest temperature when vulcanized rubber is impacted to damage under special condition, and the temperature is called brittle temperature. It is used to identify the different usability between nonrigid plastic and other flexible materials under low temperature conditions. It also can measure the brittle temperature and low temperature performance quality of different kinds of materials or different formula vulcanized rubber. So no matter in the scientific materials and its products quality inspection, production process control, etc are indispensable.

### Standard:

- 1.GB/T 1682-2014vulcanized rubber determination of low temperature brittleness(Single Specimen Method)
- 2.ISO 812-2006 Rubber,vulcanized or thermoplastic determination of low- temperature brittleness
- 3.ASTM D2137-1994 testing method for rubber proper ties brittle point off lexible polymer and coated fabric

### Technical data:

Parameter Item	Specification
Temperature control range	-70℃ ~ 0℃
Cooling rate	Approx. 2 hours to reach target temp.(The unit is equipped with imported compressor for refrigeration)Remark: Ambient

	working temp.: 23~25°C; keep all side doors open during operation for good compressor heat dissipation
Temperature fluctuation within 3 mins after constant temperature reached	<±0.5°C
Overall outer dimension (L×H×W)	720×700×1380 mm
Inner working chamber dimension (L×H×W)	200×140×100 mm
Cooling medium	Ethanol or other anti-freeze liquid
Stirring motor power	15W
Power supply	220V~240V, 50Hz, 2kW

# FOCUS IN MATERIAL TEST

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