

No.121 BRITTLENESS TEMPERATURE TESTER



JIS-C3005, K6261, K6723, K7216, ASTM-D746, ISO-812, 974

This tester is used to measure the 50% impact brittleness temperature of plastic, rubber, and electric insulated wire at low temperature. By attaching one end of the test specimen to the holder and adding impact to the other end, the operator is to check for any breaks to the test specimen. The refrigerating method for 121 is dry ice and the 121-R is equipped with a refrigerator.

No.121 Specification

Hangings	5 Hangings (1 Holder)
Specimen	W6.0 ± 0.4mm, L38± 0.2 mm , T2.0 ± 0.2 mm (Type A)
Striking Edge	Top R1.6 ± 0.1 mm, Distance to Chuck 6.4 ± 0.2 mm, Distance to Striking Point 8.0 ± 0.2 mm
Striking Speed	2.0 ± 0.2 m/s
Temperature Range	Room Temperature to -70 °C (Dry Ice & Refrigeration Medium)
Refrigeration Medium Amount	Approx. 15 L
Accessories	Tightening Rod, Torque Driver, Specimen Cutter
Option	Rotary Holder (5 Hangings × 4 Holders), Specimen Holder (Type B)
Power Source	AC 100 V, 1-Phase, 15 A, 50/60 Hz
Air Source	0.5 MPa or More
Dimensions/ Weight (Approx.)	W770 × D830 × H550 mm/ 155 kg