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GT-7061-NDA 脆化試驗機 Brittleness Temperature Tester

GB/T 15256-2014、ISO 812-2017、GB/T 5470-2008、ISO 974-2000、ASTM D746-2014、ASTM D2137-11(2018)、JIS K6261-2006、BS 903 A25-1992

適用於塑膠或硫化橡膠在規定條件下，經受衝擊時不出現脆性破壞的最低溫度的試驗。主要用於評估材料在低溫環境中的耐寒性，特別是在冷凍、極寒地區或涉及低溫應用的工業領域。

The GT-7061-NDA is specifically designed to evaluate the low-temperature brittleness of plastics or vulcanized rubber when subjected to impact under specified conditions. This instrument is utilized to assess the ability of materials to withstand cold environment for industrial applications.



控制方式 Controller	按鍵式 Temp. controller+PLC
溫度範圍 Temp. range	常溫 ~ -70°C (壓縮機製冷) 另購 -70°C ~ -120°C (液氮製冷) Ambient temp. to -70°C (compressor cooling) Optional: -70°C to -120°C (LN2 cooling)
溫度顯示精度 Temp. display resolution	0.1°C
溫度偏差 Temp. accuracy	±1°C (常溫 ~ -70°C 壓縮機製冷 Ambient temp. to -70°C; compressor cooling) ±2°C (-70°C ~ -120°C 液氮製冷 -70°C to -120°C; LN2 cooling)
衝擊速度 Striking speed	(2.0±0.2)m/s
衝擊頭半徑 Radius of striker edge	1.6mm±0.1mm
衝擊頭與試樣夾持器間隙 Clearance between striking arm and specimen clamp	A型 type: 6.4mm±0.2mm (6.4mm±0.3mm / 6.35mm±0.25mm) B型 type: 2.0mm±0.1mm
內箱材質 Interior material	SUS316L
體積約 Dimensions (W×D×H)	81cm×95cm×150cm
試驗槽尺寸約 Bath dimensions (W×D×H)	195×590×160mm
重量約 Weight (approx.)	330kg
電源 Power	3φ, 380V / 415V, 50HZ / 60Hz (依國別或指定 or specify)

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