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GT-7061 脆化試驗機 Brittleness Temperature Tester

ASTM-D746 :2004-A型、ASTM-D746 :2004-B型、BS 903 A25:1992、GB/T5470-2008(B型)、ISO 812-91、ISO 974 : 2000、JIS C3005-2000、JIS K6723-1995、JIS K7216-1980(A型)、JIS K7216-1980(B型)、ASTM D2137-05、GB/T 15256-1994

本試驗機測定塑料、硫化橡膠試樣，固定在試驗裝置上，在一恆定低溫介質中浸泡預冷5min後，再用線速度 $2 \pm 0.2\text{m/s}$ 衝擊頭衝擊試件，不出現脆性破壞的最低溫度。檢查試樣是否出現裂紋、裂縫、小孔、完全分離成碎片。

This machine is designed for testing samples made of vulcanized rubber. A sample is fixed to a device and then soaked in a medium at a constant low temperature for 5 minutes. The sample is impacted by the dart at a linear speed of $2 \pm 0.2\text{m/s}$ at a lowest temperature of no occurrence of brittle failure. The sample is then checked for cracks, crevices, small holes and fragments.



溫度 Temp.	常溫 Room temp. $\sim -70^{\circ}\text{C}$
溫度控制 Temp. control	溫控器+SSR+電熱管 Temperature controlledr, SSR and electric heater
溫度分解度 Temp. Resolution	$\pm 0.01^{\circ}\text{C}$
冷卻方式 Cooling method	乾冰制冷(客戶自備) dry ice nitrogen(prepared by customer)
衝擊錘線速度 Striking linear speed	$2.0 \pm 0.2\text{m/s}$
試驗槽尺寸 Pilot chute size(W×D×H)	$57 \times 18 \times 16\text{ cm}$
體積 Dimension(W×D×H)	$67 \times 67 \times 55\text{ cm}$
重量 Weight	136 kg
電源 Power	1 ϕ ,AC220V,50/60Hz, 3A(依國別或指定 or specify)

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