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GT-7045-MHS 觸控式數位衝擊試驗機 Pendulum Impact Tester

用於測試各種塑膠等硬質材料的數位化衝擊試驗設備，具有CHARPY和IZOD兩種試驗方式。對試樣進行一定角度和一定衝擊能量的打擊，通過精密角度感測器和控制系統快速準確地計算出材料的衝擊能量。

The GT-7045-MHS is specifically designed to determine the impact resistance of various plastic materials. This instrument utilizes a high-precision encoder and operating system to calculate the impact energy rapidly and accurately after the test specimen is struck under specific conditions of angle and energy.



容量選擇 Capacity (optional)	IZOD (1J · 2.75J · 5.5J)	CHARPY (1J, 2.75J, 5.5J)	CHARPY (1J, 2J, 2.75J, 4J, 5J, 5.5J)
衝擊速度 Impact speed	3.46 m/sec	3.46 m/sec	2.9m/sec
衝擊端至軸心距離 Distance from the axis to the center of percussion	32.7cm	32.7cm	22.96cm
衝擊刀 R 角 Striking edge radius		3.17±0.12mm	2±0.5mm
衝擊刀面夾角 Included angle of striking edge		45±2°	30±1°
試件座R角 Radius of specimen support		3.17±0.1mm	1±0.1mm
試驗角度 Test angle	150°		
能量單位 Energy unit	kg-cm, kg-m, lb-in, J		
角度顯示精度 Angle display resolution	0.05°		
能量顯示精度 Energy display resolution	0.01J		
控制方式 Control system	PLC+HMI		
擺錘釋放方式 Pendulum release control	電子自動式 Electronically controlled		
體積 Dimensions (W×D×H)	940×453×860mm		
重量(約) Weight (approx.)	100kg		
電源 Power	1φ · AC 220V · 50/60Hz (依國別或指定 or specify)		

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