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GT-7045-ALN 自動式衝擊試驗機 Pendulum Impact Tester

ISO 179、ISO 180、ASTM D256、ASTM D6110、GB/T 1043B、GB/T 1843

本儀器為CHARPY及IZOD兩用型數位衝擊試驗機，用於測試各種塑料等硬質材料製成之試樣在常溫或高低溫下受一定角度、一定衝擊能量（試驗機可自動識別擺錘）打擊後，因試樣之吸收能量後，使擺錘上升仰角受限，利用精密角度傳感器及計算機系統快速精確計算出材料之衝擊能量。衝擊完成後機臺可通過離合剎車系統快速停止擺錘。

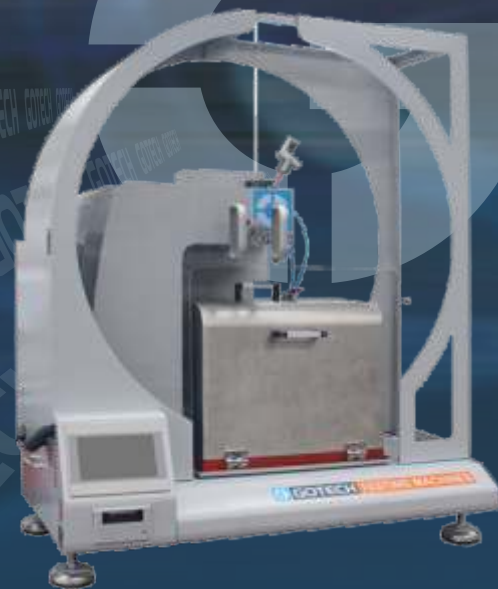
功能特點：

- 符合規範ISO-179、ISO-180、ASTM-D256、ASTM-D6110、GB/T 1043B 與 GB/T 1843。
- 可以進行簡支梁及懸臂梁試驗。
- 可選擇多種測試單位(公制、英制、國際單位)。
- 自動識別擺錘型式與容量(可識別10種)。
- 擺錘衝擊後可自動停止(帶離合與碟剎輔助系統)。
- 擺錘可自動上升到測試位置。

GT-7045-ALN is designed for measuring the impact resistance of plastic material by CHARPY and IZOD test. This ideal instrument is capable of recognizing the height loss of swinging pendulum and determining the impact strength quickly and accurately via high precision digital encoder and calculating system. In combination with automation features, GT-7045-ALN applies pendulum auto-braking, pendulum auto-lifting and pendulum auto-identification to ensure the operator's safety and increase the working efficiency of impact test.

Features:

- Conforms to ISO-179, ISO-80,ASTM-D256,ASTM-D6110, GB/T-1043B and GB/T-1843.
- Capable of performing both Charpy and Izod test.
- Provides various units of measurement in Metric, English and International system.
- Able to identify the capacity and model of the mounted pendulum (up to 10 pendulums can be recognized).
- With pendulum auto-braking and lifting features ,the swinging pendulum can be stopped after specimen failure and raised to the original position automatically.



容量 Capacity	Charpy	1.0J, 2.75J, 5.5J, 7.5J, 15J, 25J
	Izod	1.0J, 2.75J, 5.5J, 7.5J, 11J, 22J
衝擊速度 Impact speed	Charpy	2.9 m/s;3.8 m/s
	Izod	3.46 m/s
試驗角度 Test angle		150°
角度顯示精度 Angle resolution		0.01°
能量顯示精度 Energy resolution		0.01J
控制方式 Controllor		PLC+HMI
操作語言 Language		簡體中文、繁體中文及英文 Simplified Chinese, Traditional Chinese and English
數據輸出方式 Communication port		USB
低溫溫度範圍 Cryogenic temperature range		室溫 room~-60°C(液氮箱另購)
溫度分辨率 Temperature resolution		0.1 °C
溫度波動度 Temp. fluctuation		+/-0.5°C
體積 Dimension (W×D×H)		160 × 70 × 120cm
重量(約) Weight (approx.)		450kg
電源 Power		1φAC220V (依國別或指定 or specify)

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