

## GOTECH "the best partner" to raise your competition

### GT-7074-AD 球拍扭轉強度測試機 RACKET TWISTING STRENGTH TESTER

QB/T 2770

本機用於測試羽毛球拍、網球拍之抗扭力強度。將拍框頭部固定，夾緊拍柄，施加一定扭力或扭轉角度，扭力傳感器感測扭力，旋轉編碼器感測角度，配合U25控制器，返回零點，以觀察試樣的損壞狀況。

本機採用精準的扭力傳感器及旋轉編碼器，能準確的反映出扭力及旋轉角度值，採用U25控制器進行控制，可以任意設定測試條件。試樣夾持方便，能在一定範圍內設定扭轉速度，可根據要求選擇不同的扭轉方向。

This machine is designed to determine the resistance of badminton racket and tennis racket to twist. A racket is tested in such a manner that the handle is fixed and a given torsion or torsion angle is applied. The torsion sensor detects the torsion and the rotary encoder detects the angle. Together with the U25 controller, it returns to the zero point to check the damage of the racket.

This machine uses the accurate torsion sensor and rotary encoder to accurately detect the torsion and rotation angle. The U25 controller is used for controlling the test system so that you can set test conditions as you wish.

It is convenient to clamp the specimen. The torsion speed can be set to a given range, and the torsion direction can be set based on your test requirements.

顯示器 Indicator	U25 (可顯示 扭力值、角度值、角度轉動速率值) U25(can display torsion, angle, rotation rate of angle)
容量 Capacity	100 N
最大扭轉角度 Max. torsion angle	±35 °
扭轉角速度 Torsion speed	90~180 ° /min
角度分解度 Angle resolution	0.1 °
力量分解度 Force resolution	1/50,000
球拍框夾持部分至球拍框頭部距離 Distance between the clamped position and the head of the racket frame	110±5 mm
體積 Dimension (W×D×H)	160×60×106 cm
重量 Weight (approx.)	103 kg
電源 Power	1 φ, AC 220V, 50/60HZ (依國別或指定 Specified by user)



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