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GT-7012-AI 橡膠軟管外覆層磨耗試驗機 Hose Outer Cover Abrasion Tester

本試驗機是一款全自動橡膠 / 塑膠軟管外覆層磨耗檢測設備，專注於橡膠、塑膠軟管外覆層耐磨耗性的精準測定，通過智慧預設參數自動完成試樣夾持、磨耗測試與資料記錄，大幅減少人工作業干預，顯著提升檢測效率與資料一致性。採用伺服電機與同步帶傳動結構，搭配精密換向與偏心輪連桿機構，支援多種規格軟管試樣測試，集成試樣防變形夾持、測試完成自動停機、即時運行狀態監控功能，可快速生成磨耗測試資料報告，廣泛應用於橡膠 / 塑膠軟管製造業品質把控環節。

The GT-7012-AI is specifically designed to determine the abrasion resistance of the outer cover of rubber and plastics hoses. Featuring automatic control of specimen gripping, abrasion, and data recording, this tester reduces human involvement and enhances both testing efficiency and result consistency. Equipped with a servo motor and a synchronous belt drive mechanism, paired with a precision reversing and eccentric wheel linkage system, this tester supports various hose specimen specifications and integrates anti-deformation specimen clamping, automatic stop upon test completion, and real-time operational status monitoring.



磨擦頭 Abrading head	25mm×75mm
磨擦頭荷重 Load of abrading head	45N
往復行程 Reciprocating stroke	±75mm (來回為一次 one reciprocation per cycle)
試樣內徑 Inner diameter of specimen	Ø10~38mm · 長度 length of 140mm
旋轉速度 Rotating speed	1.3HZ · (78±2)rpm/min
芯軸尺寸 Mandrel size	長 Length of 150mm · 直徑因試樣大小而定 diameter varies according to specimen size
體積 (約) Dimensions (approx.)	60×37×47cm (W×D×H)
電源 Power	1φ AC220V 50Hz(依國別或指定 or specify)
重量(約) Weight (approx.)	80kg

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