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GT-7100-MI 塑膠熔融指數測定機 Melt Flow Indexer

ASTM D1238、GB/T 3682、ISO 1133、JIS K 7210

本機適用於熔融黏度較低之熱塑性塑膠之品質管制。測定方法是在規定溫度、荷重、及活塞於圓柱筒內位置等條件下，以計時測量方法測定熔融塑膠擠過一規定長度與直徑之細孔模之速率，用來判別製程當中聚物流率之擠出速率。本機採用模腔雙區域PID控溫，使塑料在模腔中均勻受熱。使用優質保溫材料，減少測試過程中熱量損失引起的誤差。自帶自動切料功能，用戶可根據測試需要設定切料時間。出廠前經過校準與嚴格質量檢驗，檢測試樣結果具有精確性、可重覆性和再現性。

This tester is used to measure the rate of extrusion of molten resins through a die of specified length and diameter under prescribed conditions of temperature, load and piston position in the cylinder for measuring the flow rates of polymer in producing process. With the PID temperature control in two zones of the die cavity, this machine can uniformly heat the plastic sample in the die cavity. The use of the high-quality thermal insulation material can reduce the error caused by heat loss in the process of testing. With the self-contained sample cutting function, users can set the time for cutting the sample according to the test requirements. This machine is strictly calibrated and inspected before shipment, so the test result is accurate, repeatable and reproducible.

溫度控制 Temperature control	常溫 ~ 450°C · 採雙溫控 · PID控制 · 精度 ± 0.1°C (含超溫保護) Room temp. ~ 450 °C (accuracy ± 0.1 °C), PID control, include overheat protection.
溫度顯示 Temp display	進口數字式溫控器 Imported digital type temperature controller
荷重 Load	1000g, 1200g, 2160g, 3800g, 5000g, 7160g, 10000g, 12500g, 21600g, 組合選配 Optional combination of weights
適用材料流率範圍 Flow rate of applicable materials	0.15 ~ 50g / 10 min
自動切料裝置 Auto cutoff device	自動切料，按鍵切料可選擇，設定時間 99min59sec 任意設定 Auto / manual selection, time interval 99min59sec
荷重施加方式 Loading Method	手動定位施壓 Manually pressurize
附件 Accessories	加壓砝碼棒一支 Piston rod 搗料棒一支 Reamer 通管器一支 Cylinder cleaning rod 銅線清潔刷一支 Cylinder brush 細孔模測定規二支 Die gauge set (go/no go) 細孔模清潔鑽一支 Die cleaning drill 電木進料漏斗一個 Filling funnel 觀察鏡一個 Observation mirror
體積 Dimension (W×D×H)	37 × 51 × 56 cm
重量 Weight	42 kg (不含砝碼 without weights)
電源 Power	1φ · AC220V · 50/60Hz · 5A (依國別或指定 or specify)



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