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GT-7190-HD 全自動橡膠硬度/密度測試儀 Automatic Rubber Hardness and Density Tester

ISO 2781-2018、ISO 1183-1-2025、GB/T533-2008方法A、GB/T1033.1-2008方法A、
ASTM D2240、ISO 868、JIS L6253

符合 ISO、ASTM、GB/T 等多國標準，專為硫化橡膠設計，同步開展硬度（抗壓耐磨）與密度（內部結構）測試，為品控、研發及工藝優化提供數據支援。採用全自動控制技術，搭配進口數顯硬度計與高精度電子天平，實現試樣自動定位、三點硬度取均值、靜水壓密度測量，支援一鍵測試與數據導出。

Designed in accordance with ISO, ASTM, and GB/T, the GT-7190-HD measures the hardness of vulcanized rubber to assess its compression and abrasion resistance, and also determines its density, which reflects the compactness of its internal structure. These measurements provide valuable data on rubber properties for product quality control and materials research. Integrated with an automatic control system, a digital durometer, and a high-precision electronic balance, the GT-7190-HD performs automatic specimen positioning, three-points hardness averaging, and hydrostatic density measurement. It also enables one-click testing and effortless data export, ensuring a simple and straightforward operation.



控制方式 Control system	觸摸屏+專用軟件 Touchscreen + dedicated testing software		
測試模式 Test mode	邵氏硬度測量、密度測量※可定制單一測試模式設備 Shore hardness measurement, density measurement ※optional single-test mode		
樣品託盤 Specimen tray	可容納 20 個樣品的連續旋轉樣品託盤 Rotating sample tray with a capacity of 20 specimens		
適用試樣尺寸 Specimen size	直徑30mm・厚度5mm 30mm in diameter and 5mm thick		
硬度測試模組 Hardness testing module	硬度計類型 Durometer type	邵氏A、D可選(二選一)※其它類型可定制 Shore A or Shore D (select one) ※other types available upon request	
	解析度 Display resolution	0.1 unit	
	測試點數 Test points	3點取平均值 3-points averaging	
	測試荷重 Test load	邵氏 Shore A : 1kg	
		邵氏 Shore D : 5kg	
	測試力保持時間 Load application hold time	3sec	
密度測試模組 Density testing module	測量範圍 Measuring range	0.0001~125g	
	測量精度 Display resolution	0.0001g	
	測量方法 Measurement method	電子比重天平 (阿基米德原理) Electronic density balance (Archimedes' principle)	
	測試液體循環 Test fluid circulation	自動迴圈・恒定水位 Auto-circulation and constant water level	
	溫度記錄 Temperature recording	環境溫度、測試液體溫度 Environmental and test fluid temperatures	
測試流程 Testing process	全自動 Automatic		
體積 (約) Dimensions (approx.)	68×41×64.5cm (W×D×H)		
電源 Power	1φ AC220V 50Hz(依國別或指定 or specify)		

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