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GT-7011-DLED 高低溫橡膠伸張疲勞試驗機

Temperature-Controlled Rubber Tension Fatigue Tester

GB/T 1688-2008 · ISO 6943:2017 · BS ISO 6943:2017

高低溫橡膠伸張疲勞試驗機是一款依據GB/T 1688-2008 · ISO 6943:2017等國際標準設計的精密測試儀器。它專門用於測定硫化橡膠在不同變形、溫度及反復頻率條件下的伸張疲勞性能。該試驗機採用伺服馬達配合偏心輪傳動結構，實現高精度、高穩定性的拉伸測試。同時，它配備了PLC+HMI控制系統，能自動感應計數、偵測試樣斷裂，並拍照上傳記錄，極大地提高了測試效率和準確性。

The temperature-controlled rubber tension fatigue tester, designed in accordance with GB/T 1688-2008 and ISO 6943:2017, is used to assess the resistance of vulcanized rubber to fatigue under different deformation levels, temperatures, and cyclic frequencies. This tester is equipped with a servo motor and eccentric wheel drive mechanism for precise and stable tensile testing. Its integrated PLC and HMI controller automatically counts cycles, detects specimen failure, and captures photos for records, ensuring efficient and reliable testing.



控制方式 Control system	PLC+HMI
拉伸變形誤差 Tensile deformation accuracy	±1mm
行程 Stroke	10mm ~ 60mm(可調 adjustable)
試驗速度 Test frequency	60 ~ 300 cpm
拉伸頻率誤差 Tensile frequency accuracy	±5 次
計數範圍 Counter	0 ~ 99,999,999 次可設定 (adjustable)
內箱尺寸 Interior dimensions(約 approx.)(W×D×H)	50cm × 50cm × 60cm
體積 Dimensions(約 approx.)(W×D×H)	90cm × 137cm × 170cm
電源 Power	1φ AC 220V 50HZ(依國別或指定 or specify)

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