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RHU-3000N 橡膠動態壓縮生熱及粘彈性 綜合性能試驗機 Flexometer

對試樣施加一定的壓縮負荷，並通過一個傳動系統對試樣施加具有規定振幅的周期性高頻壓縮在室溫或高於室溫條件下，用於測定試樣在一定時間內的壓縮疲勞溫升和疲勞壽命。適用於硬度為30~85IRHD硫化橡膠。

RHU-3000N is designed to determine the fatigue characteristics and temperature rise caused by compression fatigue of rubber vulcanizates with hardness less than 85 IRHD. It is capable of generating rapidly oscillating compressive stresses on test specimen at a controlled temperature condition in a specified time period



箱體溫度範圍 Chamber temp. range	Ambient temp. +10°C to 120°C
箱體溫度偏差 Chamber temp. accuracy	±1.0°C
箱體體積 Chamber dimension (W×D×H)	130mm×100mm×230mm
力量容量 Force capacity	5KN
試件震盪頻率範圍 Frequency range	10.0Hz to 30.0Hz (adjustable)
試件震盪頻率偏差 Frequency accuracy	≤±0.2Hz
試件壓縮衝程範圍 Stroke range	1.00mm to 8.00mm (adjustable)
壓縮衝程值 Standard stroke	4.45mm, 5.71mm, 6.35mm
試樣預應力 Prestress on test piece	1.00MPa±0.03MPa or 2.00MPa±0.06MPa
試樣預應力載入方式 Prestress loading method	Motorized based
試件規格要求 Size of sample	Ø17.80±0.15mm Height: 25.00±0.25mm
試件底座上下行程範圍 Specimen base vertical travel range	0.1mm to 18.00mm
試件底座上下速度 Specimen base vertical speed range	5mm/min
控制器 Control system	U70 control system
通訊方式 Communication interface	RJ45
試驗軟體 Software	Flexometer dedicated software
主機體積 Main unit dimension (W×D×H)	68cm×96cm×125cm
重量 Weight (approx.)	Main unit: 450kg Control cabinet: 90kg
電源 Power	1ϕ, AC 220V, 50HZ (or specify)

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