

## KASON YJ Series Elastomeric Bearing Testing Machine



### Product instruction

Products are mainly used in highway, railway, bridge, building plate rubber bearing, basin bearing, ball bearing products mechanical properties, damping performance, rubber bearing large deformation test and detection. It can be used for compressive elastic modulus test, shear elastic modulus test, shear test (static shear), ultimate compressive strength test, friction coefficient test, Angle test and the load test of highway bridge basin bearing axial compression deformation and radial deformation detection.

### Technical data:

Item	KASON YJ-5000	KASON YJ-10000
Maximum test force	5000kn	10000kn
Test force measurement range	2%-100%F.S	
Testing force measurement accuracy	± 1%	
Maximum displacement speed of oil cylinder	0-50mm/min	
The maximum itinerary of the oil cylinder	200mm	300mm
Swish measurement accuracy	± 1.0%fs	± 0.5%fs
Deformation measurement score (MM)	0.001 (deformation of vertical direction), 0.001 (radial deformation)	
Deformation measurement	Four grating digital displacement sensors measure the samples to	

	deform	
Transformed measurement range	0 ~ 30mm (drooping deformation), 0 ~ 10mm (radial deformation);	
Test adjustment space	0 ~ 1500mm	
The maximum space of the test	1000mm	1500mm
The size of the upper plate	710mm × 800mm × 150mm	1050mm × 1050mm × 200mm
Small car plate size	710mm × 800mm × 150mm	1050mm × 1050mm × 200mm
Lift speed of beams	200mm/min	
The control range of equivalent test force	0.5kn/s ~ 25kn/s (control accuracy 1%)	0.5kn/s ~ 30kn/s (control accuracy 1%)
Waiting for speed displacement control	0.5 mm /min ~ 50 mm /min	
Control method	hydraulic loading, electro -hydraulic servo closed -loop control, screen display	

# FOCUS IN MATERIAL TEST

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