



SNUBBER TEST EQUIPMENT

**Barker/ Diacon S2000NM Snubber Test System  
75 kip Integral Test Bench Standard Specifications**

**Standard Capacities/Performance**

Maximum Load (activation testing)	75000	lbf	330	kN
Minimum Load (activation testing)	1000	lbf	4.4	kN
Minimum Pin to Pin dimension	3	inches	76	mm
Maximum Pin to Pin dimension	48	inches	1219	mm
Maximum stroke length	12	inches	305	mm
Drag speed range	1-5	ipm	0.5-2.0	mm/sec
Lockup rate range	1-60	ipm	0.5-25.0	mm/sec
Bleed rate range	1-60	ipm	0.5-25.0	mm/sec
Maximum Acceleration	.035	g		

**Pins/Bushings Included**

1.000	inches	Metric Sizes on request
1.250	inches	Metric Sizes on request
1.500	inches	Metric Sizes on request
1.750	inches	Metric Sizes on request
2.000	inches	Metric Sizes on request
2.250	inches	Metric Sizes on request
2.500	inches	Metric Sizes on request

**Instrumentation Accuracies**

Load	+/- 0.5	% of LC span
Velocity	+/- 0.5	ipm
Position	+/-0.1	inch
Data Conversion	16 bit	

**Power Requirement**

460/3ph/30A Standard Other voltages on request

**Instrument/Control Cable**

25 Feet Quick connects one end

**Overall Maximum Size/Weight (approx)**

Length	132	inches	335	cm
Width	44	inches	112	cm
Height	48	inches	122	cm
Weight	3400	lb	1544	kg

**Shipping Crate/Weight (approx)**

Length	144	inches	366	cm
Width	56	inches	142	cm
Height	60	inches	152	cm
Weight	3600	lb	1634	kg



**75 kip Integral HPU Test Frame**