

Shock Dyno

Starting at

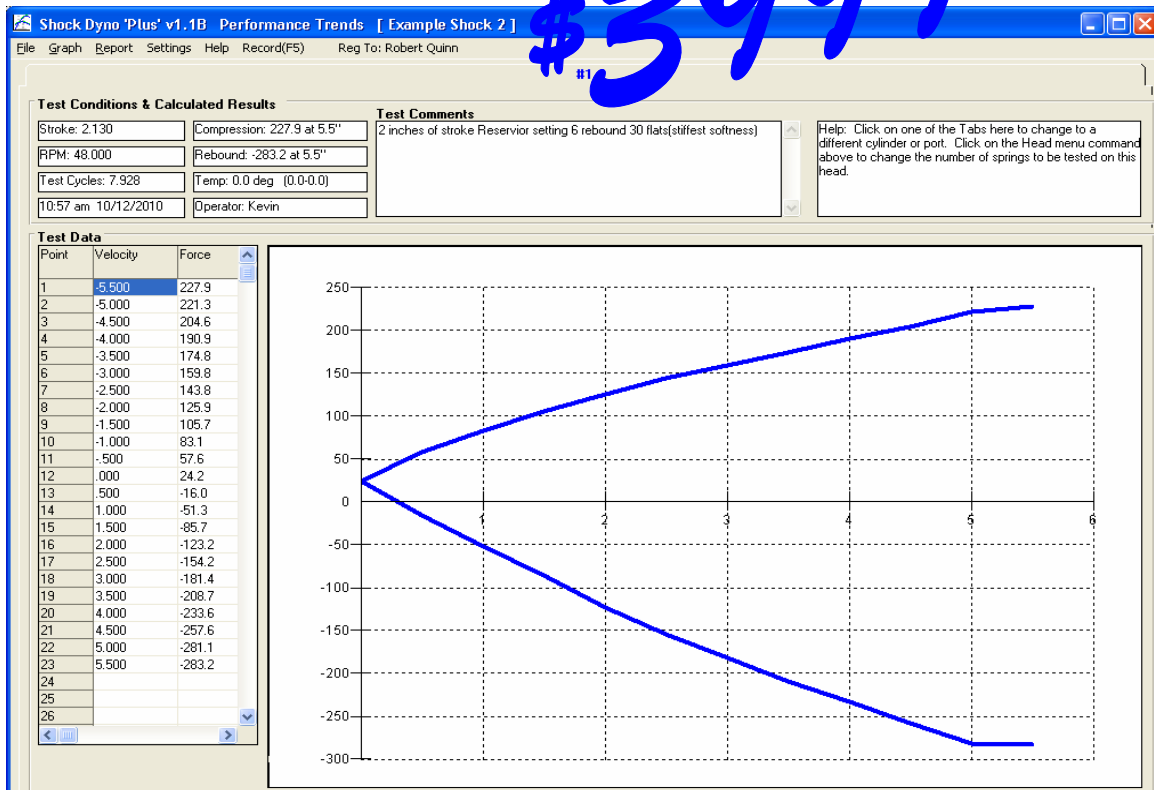
\$3999



Shock Dyno

has been released for 2014:

- 1.5HP, 110 VAC motor (ideal for most trailers and generators), or an optional 2.0 HP 220 VAC motor.
- **Up to 3" stroke and 20"/second shock velocity.**
- **Measures forces to 1500 lbs.**
- Optional shock infra-red temperature sensor.
- USB computer interface
- Software compatible with Win XP, Vista, Windows 7, Windows 8.



Visit our website for more info.

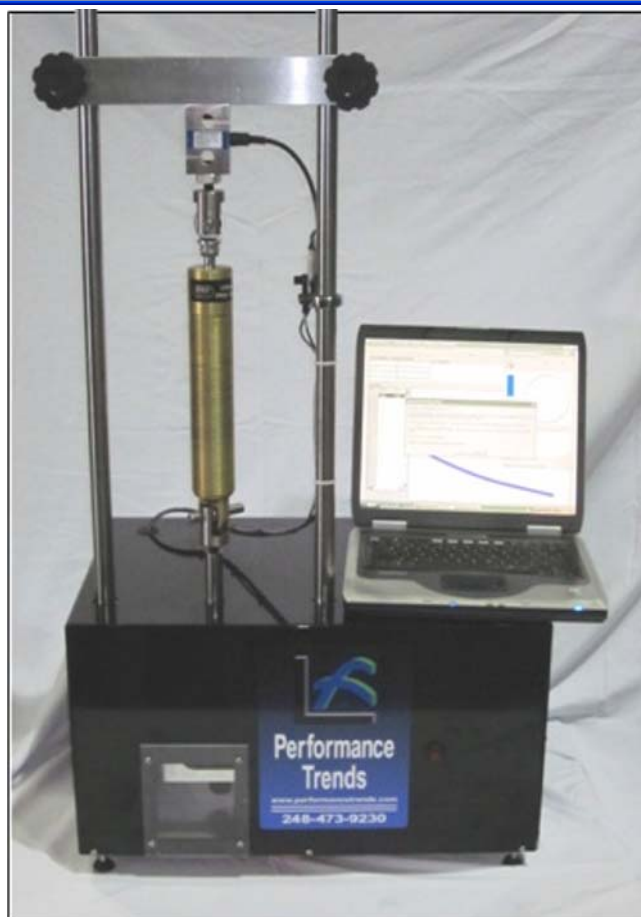
We've got through a lot of development on the durability of our scotch yoke design, to make sure it can handle the high rate shocks popular in some classes of circle track racing.

Plus Version

The Plus Version of the software offers additional features, including:

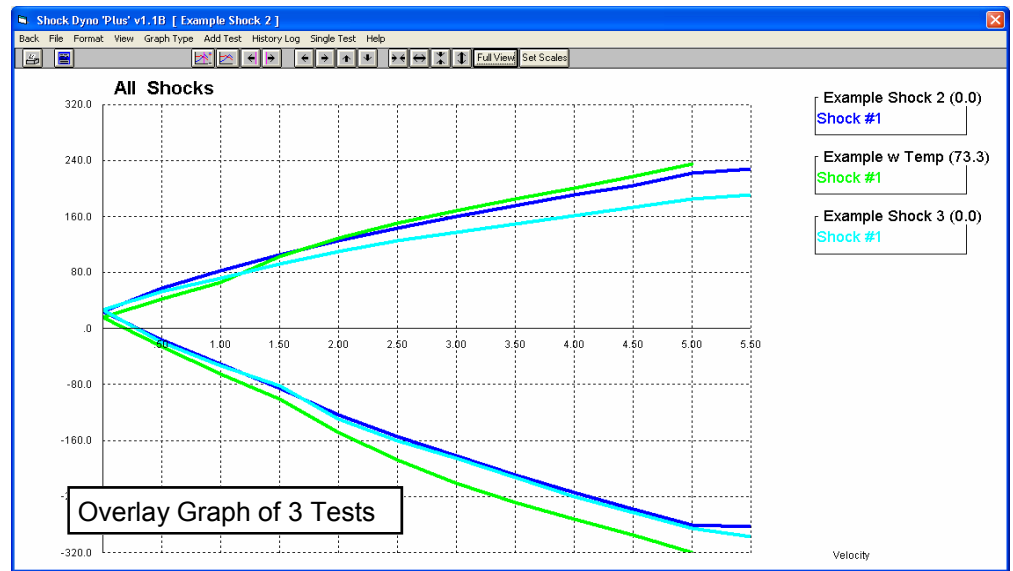
- Will read shock body temperature.
- Will cycle shock until up to a user specified temperature when testing will then start.
- Advanced graph

The picture below shows that the weakest link in our dyno design is the shock itself, not the dyno!



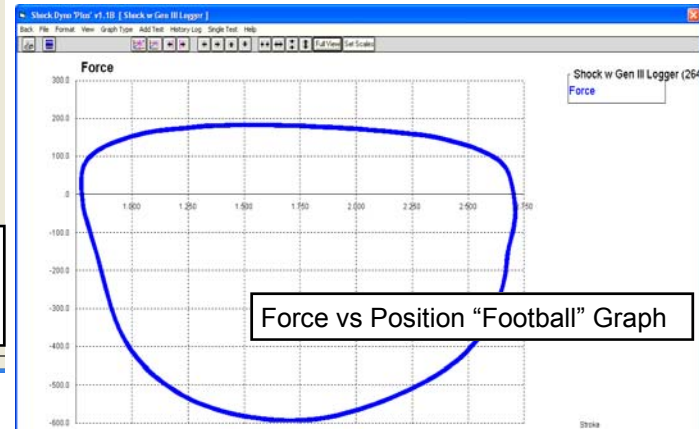
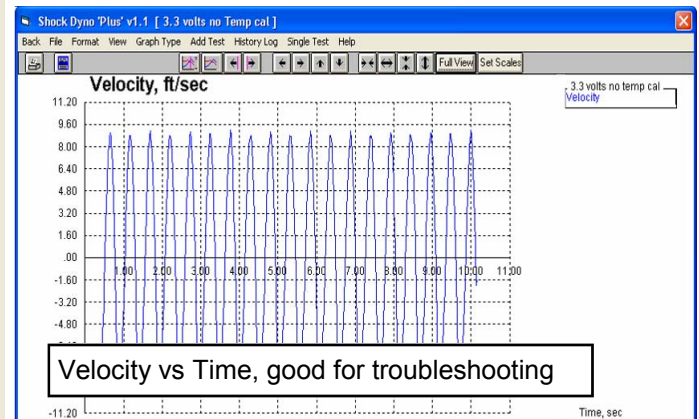
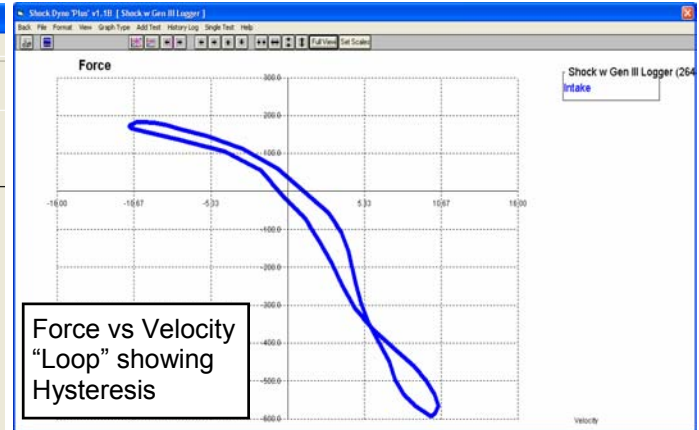
features, including:

- Force vs Time
- Stroke vs Time
- Velocity vs Time
- Force vs Stroke
- Force vs Velocity Loop
- Allow for reversing the motor via computer interface.
- Real time graphing of the current force and position over the previously recorded run.
- More report types, including "Comparison Reports with Difference" as shown below.



Shock Dyno 'Plus' v1.1B [Example Shock 2]			
Back Print Report Types File History Log Help			
<div> <div>Comments</div> <div> Test Time: 10:57 am Compression: 10/12/2010 Force: 227.9 Vel: 5.5 Stk/RPM: 2.130 Cycles: 7.928 Report of: Operator: Kevin Force at Velocities: Errors: None </div> </div>			
	Example Shock 2	Shock w Gen III Logger	
Velocity	Force	Force	Dif.
-10.5		171.62	
-10.0		169.84	
-9.5		166.95	
-9.0		163.51	
-8.5		159.61	
-8.0		154.99	
-7.5		150.01	
-7.0		144.98	
-6.5		139.97	
-6.0		134.95	
-5.5	227.94	129.76	-98.18
-5.0	221.30	123.98	-97.32
-4.5	204.57	118.09	-86.48
-4.0	190.88	110.44	-80.44
-3.5	174.84	101.93	-72.91
-3.0	159.76	92.932	-66.828
-2.5	143.82	82.548	-61.272
-2.0	125.89	71.986	-53.904
-1.5	105.68	57.442	-48.238
-1.0	83.086	40.867	-42.219
-0.5	57.641	23.244	-34.397
0.0	24.248	4.838	-19.41
0.5	-16.042	-12.194	3.848
1.0	-51.281	-29.709	21.572
1.5	-85.653	-50.191	35.462
2.0	-123.19	-73.446	49.744
2.5	-154.16	-97.921	56.239
3.0	-181.42	-125.77	55.65
3.5	-208.72	-160.40	48.32
4.0	-233.57	-199.46	34.11
4.5	-257.65	-249.55	8.1
5.0	-281.10	-301.08	-19.98
5.5	-283.20	-339.17	-55.97
6.0		-369.51	
6.5		-396.06	
7.0		-423.12	
7.5		-456.79	
8.0		-482.67	
8.5		-502.09	
9.0		-520.52	
9.5			
10.0			
10.5			

Force vs Velocity "Comparison Report with Difference" showing results being compared for 2 different shocks which were run a 2 different strokes.



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