

Current User

Login

Select Language

Current Setup Filename



Load Setup



Save Setup

Current Data Filename



Load Data



Save Data

Current Report Filename



Load Report



Save Report

Address	Device	A
COM3	DSP7002	



Find Devices



Apply Settings



Save Setup

Dynamometer Controller

Channel 1

Channel 2

Analog I/O

Digital I/O

Power Measurement

Power Source

 Device Interface Active Channel Display FP Controls

Available

Amps 1
Amps 2
Amps 3
Amps 4
Amps 5
Amps 6
Amps Sum A
Amps Sum B
Amps Sum C
Volts 1
Volts 2
Volts 3
Volts 4
Volts 5
Volts 6
Volts Sum A
Volts Sum B
Volts Sum C
Watts IN 1
Watts IN 2
Watts IN 3
Watts IN 4
Watts IN 5
Watts IN 6
Watts IN Sum A

Selected

Speed 1 (RPM)
Torque 1 (lb-in)
Watts OUT 1
Speed 2 (RPM)
Torque 2 (lb-in)
Watts OUT 2
Mech. Efficiency
Time




Help



Save Setup

Test Type

 Save Setup

Control Parameter

Speed Range

Sampling Rate (seconds)

Maximum Analog Input

Maximum Motor Current

Data Logging

Save Data

Save Report


Print Report

Include Equipment List


Auto Increment

Stream to Disk

Time Stamp



Data



Report

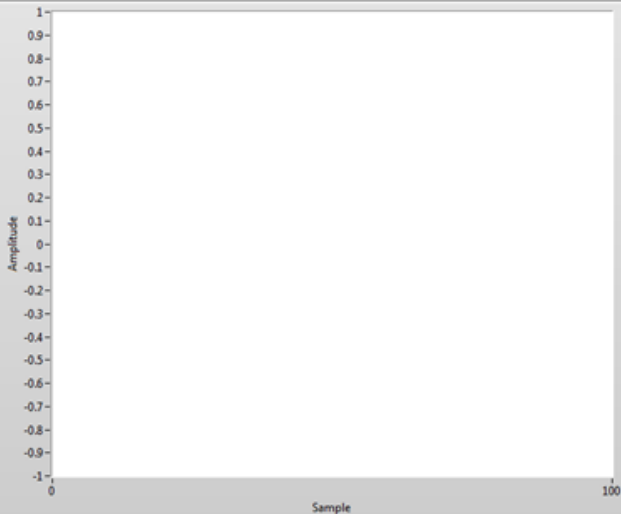
Pass

Fail

Operator Code

Serial Number

Curve Mode PID Adjustment



Actual



Control



Initial P



Help

P

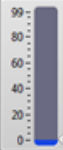
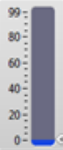
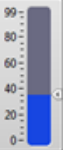
35

I

0

D

0



A

PS

A

IS

A

DS

1.000

DPL

1.000

DIL

High Value

0.00

Low Value

0.00

Dwell (seconds)

2

Motor Voltage

0.0



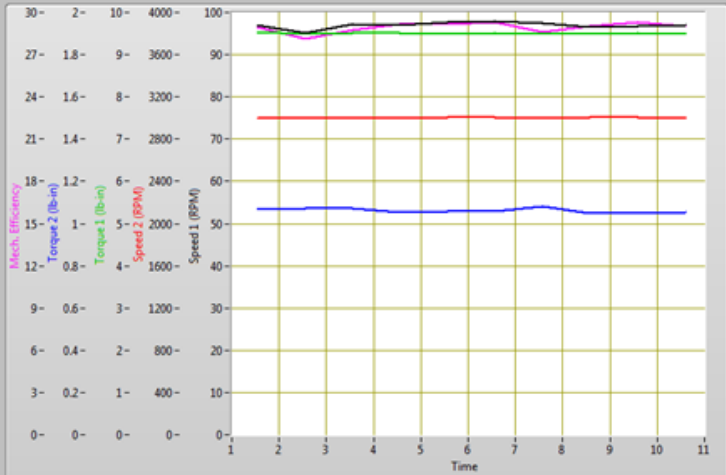
Save Setup



Run

Speed 1 (RPM)	Torque 1 (oz-in)	Watts OUT 1	Time
0.000	0.304	0.000	0.559
0.000	0.324	0.000	1.559
0.000	0.300	0.000	2.562
0.000	0.320	0.000	3.562
0.000	0.316	0.000	4.562
0.000	0.308	0.000	5.565
0.000	0.292	0.000	6.565
0.000	0.324	0.000	7.566
0.000	0.300	0.000	8.566
0.000	0.312	0.000	9.567





Legend:

- RPM1: Black line with upward-pointing triangle
- RPM2: Red line with upward-pointing triangle
- Trq1: Green line with upward-pointing triangle
- Trq2: Blue line with upward-pointing triangle
- M.Eff: Magenta line with upward-pointing triangle

Curve Fit: Polynomial Order

Cursors:

X	Y

Y-axis selection:

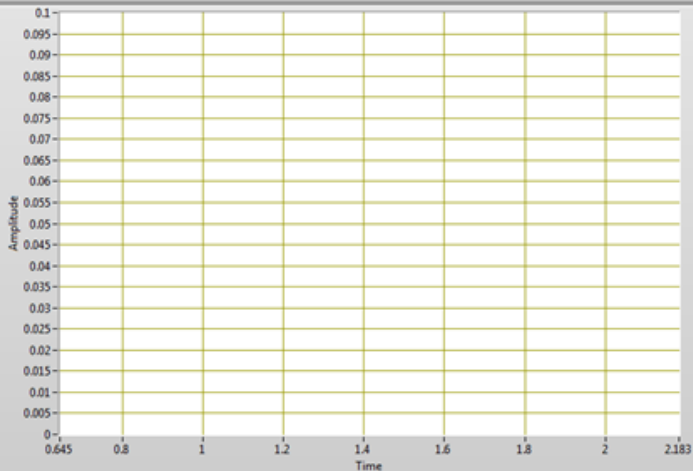
- Y1
- Y2
- Y3
- Y4
- Y5

Auto Y Axis Auto X Axis

Current Data: C:\Magtrol\Data Files\TWTW HEARTLAND\249-02-0001\61.mdf

X

Comments:



Cursors:	X	Y



Add File

Remove File

Hide Curve Fit

3 Polynomial Order

None Y Axis



Auto Y Axis Auto X Axis

Refresh

None X Axis

Save Graph

Print



Print



Save



Close

DEMO REPORT

Test Date: 4/27/2012

Test Time: 8:21:59 AM

Serial Number: 7

Maximum Current: 0.000

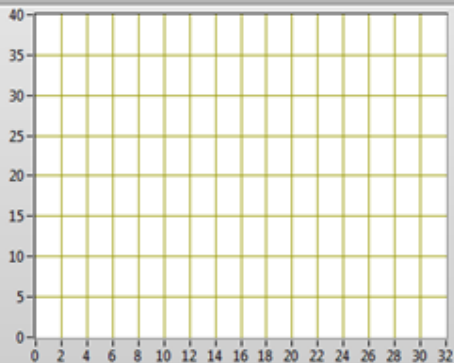
Maximum Efficiency: 0.000

Maximum Torque: 0.324

Maximum Speed: 0.000

Comments

This is a test.



97.040	9.537	10.950	3000.000	1.066	37.838	28.939	1.544	▲
95.200	9.488	10.687	3001.000	1.071	38.028	28.103	2.546	
97.330	9.511	10.953	3001.000	1.072	38.064	28.775	3.547	
97.070	9.507	10.919	3001.000	1.055	37.460	29.148	4.551	
97.650	9.489	10.963	3004.000	1.058	37.604	29.155	5.555	
98.020	9.515	11.035	3003.000	1.059	37.627	29.327	6.556	
97.560	9.491	10.956	3000.000	1.079	38.299	28.605	7.568	▼

Enable

Password Protection

Password Administration

User Name	Password	Delete	Config. Hardware	Config. Test	Test	Data	Graph	Report	Spare 1
			Config. Display	Adjust PID		Compare	Security	Spare 2	

Jim	*****	Delete												
Bill	*****	Delete												
Tom	*****	Delete												
		Delete												
		Delete												
		Delete												
		Delete												
		Delete												

Page Up

Page Down

Password Visible

Save