



InflationApparatus.vi

C:\Users\jason\Downloads\Code01_07_2020\From Scratch (1)\From Scratch\src\InflationApparatus.vi

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A. JAMES CLARK SCHOOL OF ENGINEERING

STOP
PROGRAM

Force Control Force Calibration Camera Calibration

File Name test.txt	Setpoint Function Ramp	
DAQmx Servo Task MyPulseOutputTask	Force Sensor Channel Dev2/ai7	DAQmx LED Task MyDigitalOutTask
Camera Selector cam5	Color Pane Blue	Max Diam (mm) 70
Sampling Frequencies:	Force (Hz) 30	Camera (Hz) 30
Test Variables:	Delay (sec) 2	T (sec) 10
	Systole (V) 0.5	Diastole (V) 0.2

Start Time

00:00:00.000 PM
MM/DD/YYYY

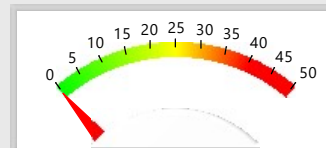
unPWM Signal

0

START

Force (V) 0	Force Setpoint (V) 0	Diameter (mm) 0
Force Time (s) 0	PWM Signal 0	Diameter Time (s) 0

Camera Framerate



Camera Buffer

0

R-Squared

0

STOP

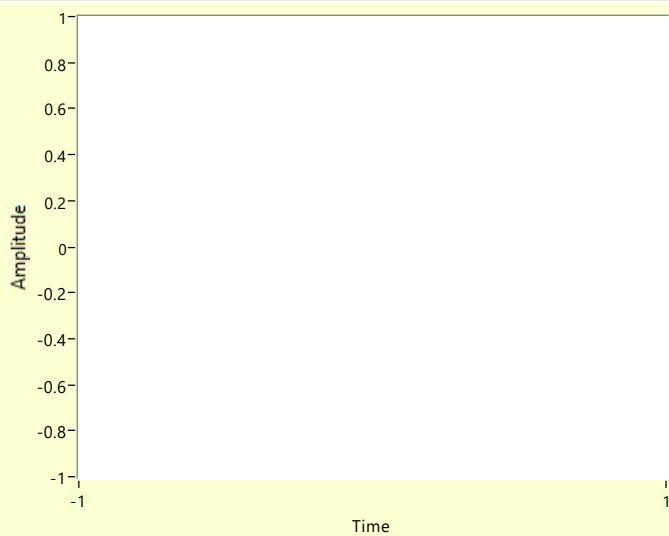
WRITE TO
FILE

ANALYZE

CLEAR
CHARTS

Force Output vs. Setpoint

Force Setpoint



Diameter (mm)

Diameter

