



**Technologies**

### Model UGA-1

Extended Response Rate Gyro

- *Long Life*
- *Near DC response*
- *No Moving Parts, 100 % Solid-State*
- *Low Price*



### Specifications

Range, Full Scale.....	+/- 50 to +/- 1000 degrees per second
Output Voltage.....	0.5 to 4.5 volts
Zero Bias .....	2.5 volts nominal
Noise .....	Less than 0.05 degrees / sec, (0 to 50 Hz)
Bandwidth.....	Near DC (.001 Hz) to 50 Hz +/- 1dB, -3db nominal @ 100 Hz
Linear Acceleration Sensitivity.....	Less than 0.5 degrees / sec / g
Power .....	+ 12 to 16 volts, less than 20 mA
Warm-up Time.....	Functional immediately upon power application, 10 minutes for optimum stability
Temperature Effects.....	Less than +/- 1 % F.S. over operating temperature.
Operating Temperature.....	0 to +140 deg F
Vibration Survival .....	5 g rms 2 to 2000Hz
Transportation Shock .....	200 g 1 ms
Volume .....	1.5 cubic inches
Weight.....	50 grams
Mounting.....	10-32 threaded stud

**CFX** P.O. Box 737, Westtown, Pa. 19395-0737 Phone 610-692-6357