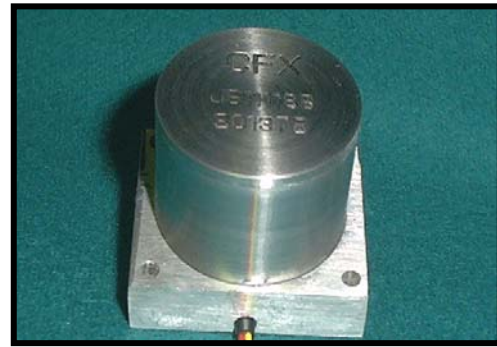


- *Stable Force Balance Design*
- *Operation to 350 F*
- *High Level, Low Impedance Output*
- *Low Noise*



Model UMHT High Temperature Force Balance Accelerometer Specifications

Electrical	
Ranges Available	+/- 1g to +/- 5g
Power Required	+/- 5 Volts 20 Ma maximum
Output	+/- 2 volts
Zero G Bias	0 +/- .025 volts
Zero Bias T.C.	Less than 50 micro-g / Deg F
Scale Factor T.C.	Less than 0.03 % / Deg F
Non- Linearity	+/- 0.2 % F.S.
Frequency Response	Dc to 50 Hz Min smooth rolloff above 100 Hz
Noise	Less than 20micro-g/ Hz ^{.5}
Cross axis sensitivity	Less than 0.03 g/g

Environmental / Mechanical	
Sensitive Axis Orientation	normal to mounting base
Operating Temperature	0 to 350 deg F
Survival Temperature	-20 to 380 deg F
Operating Life at 350 deg F	100 hours
Vibration Survival	5 G RMS 2 to 2000Hz Limited to 0.5 " disp
Shock Survival	500G, 1ms
Case	aluminum
Dimensions	base 1.3" X 1.5" Overall H 1.4" Max

