

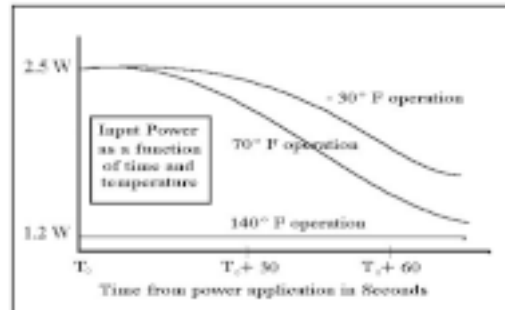
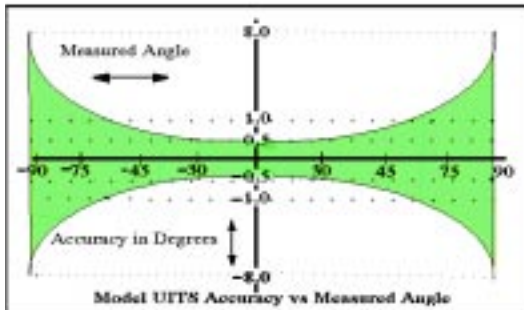
Model UITS-2BI

Miniature Temperature Stabilized Inclinometer Specifications

- **Low Cost**
- **Rugged Construction**
- **4-20 mA Output**
- **Single or Dual Axis**



Ranges Full Scale.....	+/- 30, 45 and 90 degrees
Output	4-20 mA.
Zero Bias	12 mA +/- 50 uA unit to unit variation
Response Time.....	300 ms. Standard, others optional
Accuracy (including temperature).	Fig.1
Repeatability , reading to reading	Better than 0.1 degree



Accuracy degrades substantially in the near 90 degree region due to the small changes in the Sine function

Power	+ 12 volts, see Fig .2 (+24 volt optional)
Dimensions	1.25" X1.0 " X 0.5"
Operating Temperature.....	-30 to +150 deg F
Vibration Survival	10 g rms 2 to 2000
Transportation Shock	1000 g 1 ms
Humidity.....	95 % R.H.