

We do not use standard 100mV/g accels for several reasons:

- 1) We cannot get excellent resolution on slow speed machines using 100mV/ g accels. Hence, we use a mix of (6) accels in the VTB. (3) are for X, Y and Z low frequency (very high output lower g range) and (3) for X, Y and Z higher frequencies (high g range lower output). In this way we get the strongest signal to noise ratio on any machine application.
- 2) The cost to purchase and install (3) 100mV/g accelerometers (~\$120), (3) signal cables (~\$80) as well as (3) signal conditioners (~\$400) for X, Y and Z axis on each bearing is prohibitive. Even if you opt for a triaxial 100mV/g accel, you are still looking at the same overall cost.
- 3) The intelligent VTB technology we mass produce here can do what the old 100mV/ g accels do and then some for a fraction of the cost.

Let us discuss this in greater detail at your convenience.

Contact us at 832-471-8145.