**Leybold TurboPump Testing**

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Leybold have supplied a prototype to test the cooling. In a production line pump the reported “true bearing temperature” is not, really. It is the temperature read off an (internal) board near the top of the pump. Normally the bearing temperature is offset from that (typically higher). The offset is not constant – it can depend on ambient T, etc.

Leybold have been using the “true bearing T” (board sensor) to monitor bearing temperature: T < 62 C = green, T > 65C = bad.

Leybold would like us to log the board temperature, ambient lab temperature, and temperature at the bearings using the terminal block they have rigged.

* Board (“True Bearing T”) should be available via FW polling; might need support from ProLucid
* For ambient lab T, talk nicely to Dixon at Woodbridge. Maybe he will loan me one of his monitors?
* From their terminal block, use the two lead approach and monitor resistance