• **Stability:** ± 0.1° C including effects of line voltage, ambient temperature and aging

• **Uniformity:** ± 0.2° C component area

• **Temperature Range:** -55° C to +150° C (+200° C max. temperature optional)

• **Rate Change:** See figures 1A and 1B

• **Energy Use:** 150 Watts to maintain +150° C  
  3.5 lbs./hr CO₂ to maintain -55° C

• **Voltage:** 190 - 250 VAC, 50 - 60 Hz 4.6 KVA Max. or  
  95 - 125 VAC, 50 - 60 Hz 2.3 KVA Max.

Specifications are valid for the chamber equipped with a four inch high cover, a component support wheel and a dual row crystal test wheel installed

• **Coolant:** LN₂ or CO₂

• **Programmable Keyboard:** Programmable keyboard allows temperature to be set, stepped (at user-defined increments), slewed (at user-defined rates) and cycled

• **Remote Operation:** Chambers may be remotely controlled via IEEE bus or RS232C port

• **Flexible Tooling:** Can be easily customized for testing needs
Chamber cover removed exposing rotating fixture. Test heads may be fixtured from 2 to 48 contacts. Up to 254 parts may be tested in one chamber (depending upon components tested).

Figures 1A and 1B show the temperature transition of the 4220 chamber from one end of the temperature range to the other.

Figure 1A: Temperature transition -60° to +150°C (X-axis in minutes)

Figure 1B: Temperature transition +150° to -60° C (X-axis in minutes)

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