



3 insulated enclosures, all kept at 10°C (winter) or 25°C (summer)

LASER ENCLOSURE

- laser/optics bench
- receiver (APD) detectors
- timing elec. (clock, CAMAC)
- 100 W heater on thermostat
- 2 air-to-water heat exchangers

CABINET

- control computer (Houston)
- laser capacitor banks
- DC power supplies
- CCD controller
- picomotor controller
- flow meters
- DATAQ A/D, D/A board
- "drinking straw" & circ.

IL ENCLOSURE

- laser electronics rack
- M75 laser chiller
- M33 laser enclosure chiller
- circulation fans
- 400 W heater on thermostat
- louvers
- fan bank for plenum draw
- heat exchanger for passive cooling of laser enclosure

UMBILICAL

- laser electronics
- laser coolant (thermally protected)
- DC power
- interface (signal) cables
- propylene glycol coolant

Cabinet and IL Enclosure form an integral air-space via holes & conduits in floor

inside outside