

Status of Fpix Burnin Box – March 31, 2006

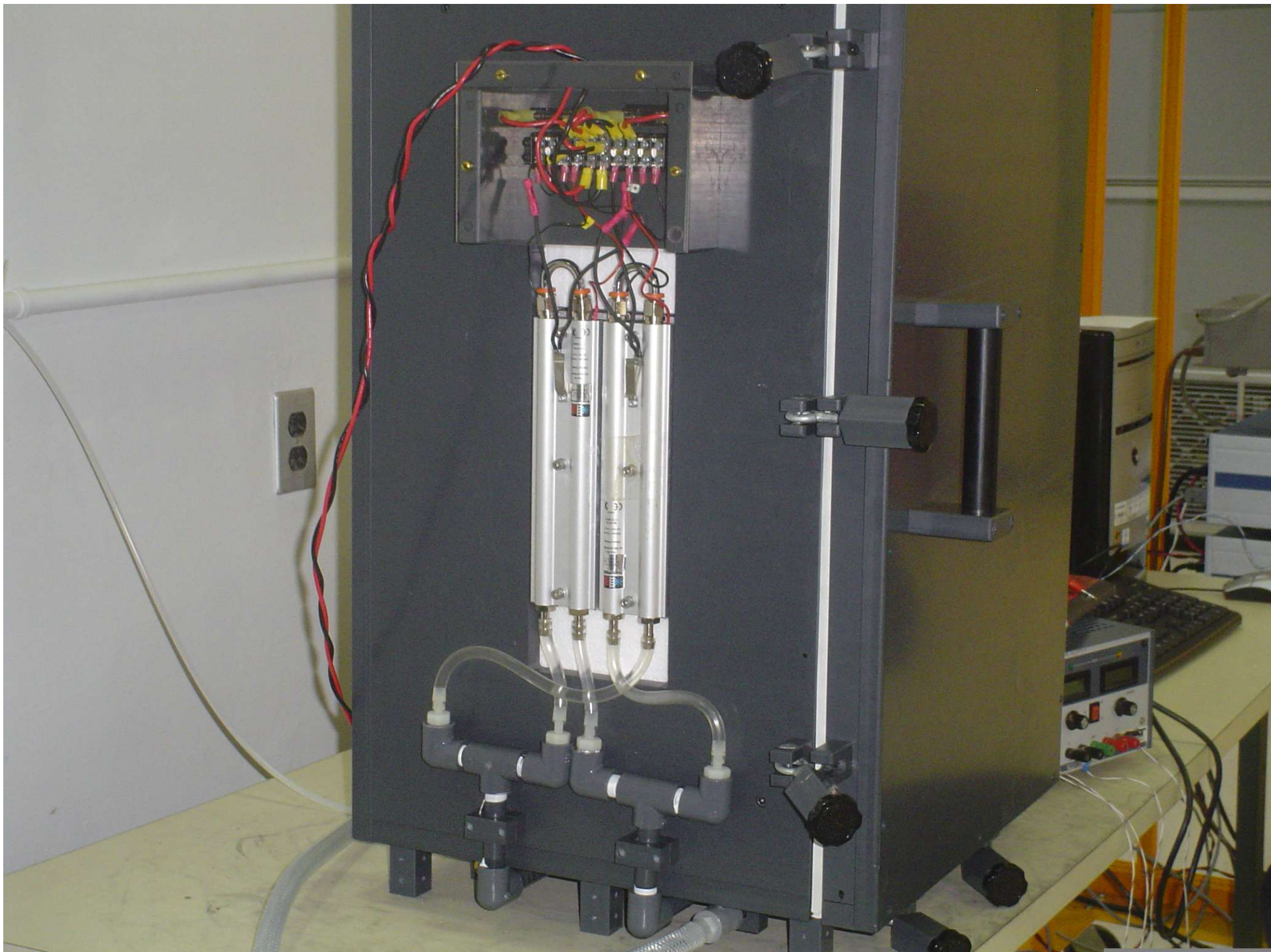
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Where the first box is at.

What's left to do.

Second box.







Box has been cooled down twice, room temperature to -25C took 1 hour 45 minutes.

Dry nitrogen flow works OK, humidity reduced from 30% relative humidity to essentially zero in about 20 minutes with a flow of 5 lpm.

Labview can talk to temperature controllers and multimeter. However the program is very rudimentary so far.

to do on first box.

Drill holes in shelves for clamps to hold carriers, and for mounting boards.

Once available, mount socket connector boards to rear of slotted plates, and attach wires penetrating the insulation and back wall of the box, connecting to outside connector boards. Awaiting design and fabrication of these boards.

Build interlock box, parts have been bought.

Labview program with much more capabilities.

Status of second box.

Modified drawings with experience from first box, and put into shop at Uva March 30. Will take 5 man weeks.

Have started power boxes for coolers on second box.

Almost all purchased parts for second box in hand.