

DAQ Stand @ Jlab : Status

List of Required Electronics

- DAQ computer 1
- VME crate 1
- VME module of CPU 1, trigger 1,
- LED control (VME) with LED 1, ADC 1
- NIM crate 1
- NIM module, discriminator 1, Lin Fan-in/out 1, logic unit 1, translator 1, gate/delay 1
- HV power supply 1
- dark box 1
- XY movement rack and controller 1
- WLS fiber, some
- MAPMT (H8500 or similar) 1
- Oscilloscope 1
- Electronic rack

In Red is what we don't have

In blue is uncertain

Space at JLab

We are currently planning to use space shared by HMS group



No power so far!

The dark box cannot stay here due to space constraints

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What is Needed to Start

Critical list

- VME crate with CPU and T1
- FADC
- NIM crate
- HV power supply
- Electronic rack
- WLS fibers and MAPMT

- If we have these, we can start the initial testing
- I can start building a simple black box if we cannot keep the larger one
 - X/Y Motion controller can be implemented later

Other Possibilities

- J. P. Chen suggested we could move to the space next to hall A counting house
 - Then can we keep the big dark box?
- Wouter has agreed to collaborate with us for these tests
 - He can also provide some equipments
- The large black box can be moved to W&M as he has space
 - He is willing to refurbish it
- DAQ stand in W&M altogether?