

# Target To Get List (still needed equipment)

## List of primary equipment still Needed for running at Fermilab

Microporous Teflon semi-rigid cable for long NMR lambda/2 connections, need at least silver quality (LANL)



NMR coax small connection pieces for lambda/2 tuning, Quote is here: (LANL)



6 Medium wall 4ft long vacuum hose with KF-25 connection:

Lakeshore Readouts for temperature measurements of fridge and target stick (Need at least 1 more for experiment): [Lakeshore](#)

Large Foam Tub with slanted opening on one end for LN2 (<https://www.foamdesign.com/>)

Six 27-pin Fischer connectors male and female with vacuum tight seal and bent housing (see target insert parts page)

Need new cold cathode pressure gauge for high vac for magnet vacuum space (<https://www.pfeiffer-vacuum.com/en/products/measurement-analysis/measurement/digiline/gauges/>)

All connector lines for slow controls, USB serial converter, lots of long serial cables, extra power cables, cables, RS-232 and RS-485

Target loading paraphernalia, large and small forceps, crucible tongs, large and small tweezers, 150 mm Stainless Steel Flat; Serrated Clamp, funnels, cup-top-funnel, strainers, Styrofoam cups, wooden q-tips (UVA)

Dedicated system for magnet level monitoring on coils (sticking with ITM10?), level monitor (sticking with mercury iTC?, could be iPS if use added cards) (LANL)