

Facility to measure PMT properties

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A facility to measure the response and reflective properties of PMTs (and other materials) in water is under construction at TRIUMF. Through two manipulator arms, collimated and polarize laser light at various wavelengths can be directed at the PMT (or other sample) from a large range of position and angles, with reflected light detected by a photosensor on the other arm. The facility includes Helmholtz compensation coils and shielding to reduce ambient magnetic fields and a vessel to allow measurements in water.

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