

Detector 2 vacuum vessel requirements

- Aluminum vessel. Viton O-rings seals.
- Internal dimensions: 150 x 150 x 150 cm
- Pressure $\sim 10^{-4}$ torr
- To be operated by students, safety factors must be very high
- No other strong requirements on deformation
- Front: Hinged door sealed with o-ring
- 3 remaining sides: 8" Window, Borosilicate (t.b.d)
- Pump port: ISO-LF NW160 (t.b.d)
- HV port - KF40 fitting (t.b.d)
- Approx. 36 blind tapped holes to enable mounting of internal hardware

Please quote separately / break out in quote:

- 8 x aluminum feedthrough lids sealed with viton o-rings (four shown on right). 100 x 20 cm each.
- Stand/Cart w/ casters
- Shipping to Hawaii

