

Manometer Fluid Isolator

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The purpose of this handy little device is to allow a pressure sensing manometer to operate with highly corrosive fluids without being damaged in the process.

The device has a working fluid facing chamber and an elastic diaphragm isolated pressure sensing chamber. Correction for reading error caused by the diaphragm is made by pre-calibration using non-corrosive fluids.

I designed this assembly using SolidWorks.



