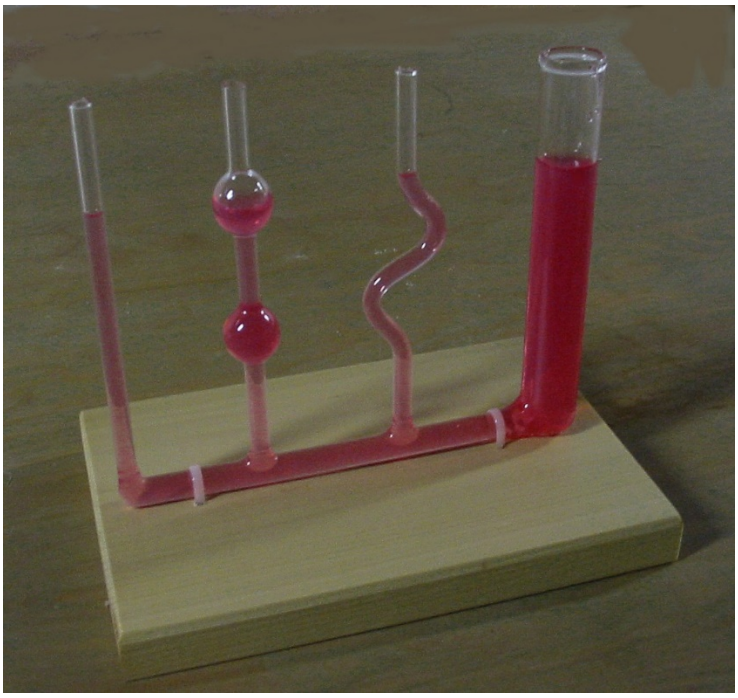
The Water Level



Level

Purpose: Demonstrates that pressure is only dependent on height.

This is a nice visual aid when discussing the (amazing?) fact that container shapes do not matter; static pressure is isotropic and determined only by depth.

Note: In the old days before laser levels, craftsmen used “spirit levels” for long distances (so called since mineral spirits were used instead of water). Note that these are still used and are probably a lot more accurate than the lasers, which are only as good as the bubble level in them.

Extra Equipment: Food coloring and water

Location: Shelf D1