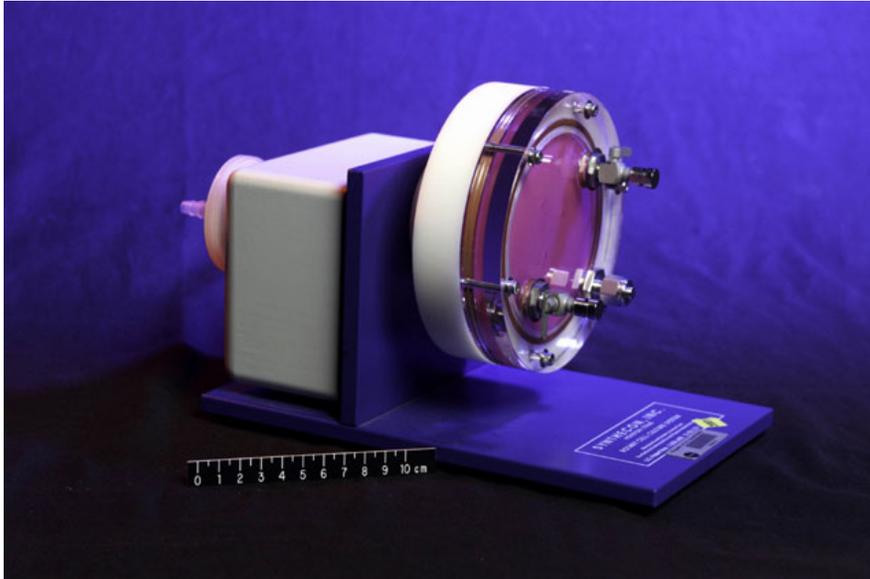


High Aspect Ratio Vessel (HARV)



Engineering Description

The HARV is a rotating, ground-based bioreactor consisting of a cylindrical growth chamber that contains a gas exchange membrane in one end of the cylinder.