

50 Gallon Fermenters



Fermentation is a key stage of many biomass processing operations. TRC has three large plastic fermenters that are instrumented for temperature control and measurement of pH. These can be run as aerobic or anaerobic fermenters, and are intended for fuel or chemical production in larger quantities. Each of the fermenters has about a 50-gallon capacity. These fermenters were designed by Peter van Walsum, Gerard Gagnon, Keith Hodgins and Justin Crouse. They were built under the direction of Keith Hodgins with funds provided by a Department of Energy grant, and matching funds from the University of Maine.