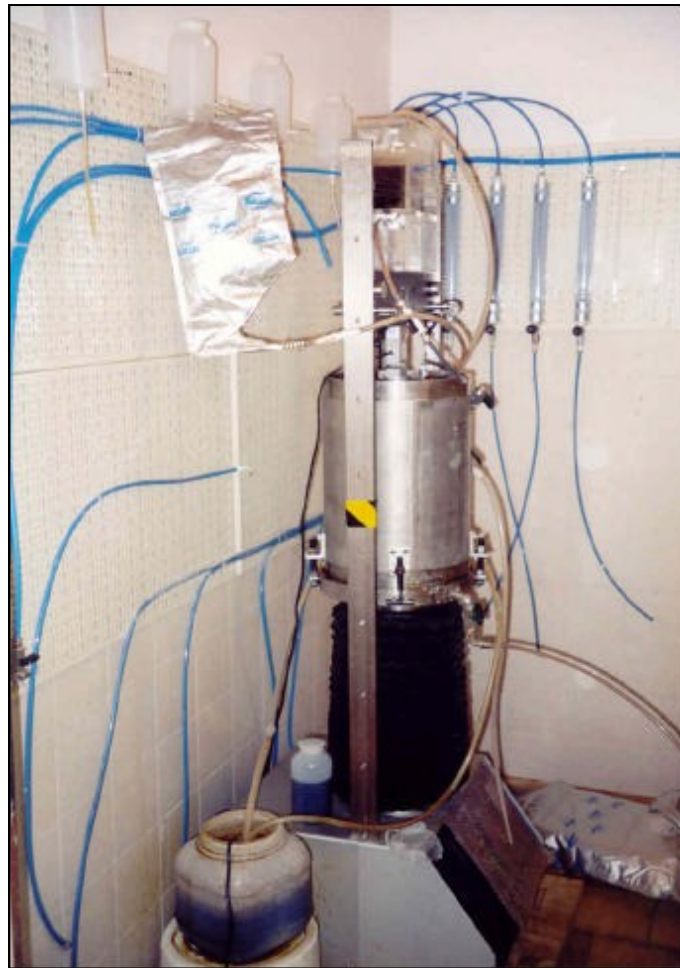


Special Accessories

Challenge: University of Padova in Italy was involved in a research program to test the long term compressibility and permeability properties of landfill solid waste. Sample size had to be at least 255mm(10 in.) in diameter and 300mm(12 in.) in height. The anticipated deformations were on the order of 200mm(8 in.)



Solution: Modify existing LoadTrac-II to extend travel range from 70 mm(3 in.) to 200mm(8 in.) by building a stainless steel chamber with an internal diameter of 255mm(10 in.) and a height of 350mm(14 in.) with four side permeability ports and two bottom ones.