



Email : sales@laboratoryinstrumentindia.com

Product Name :
Pilot Plant For The Production Of Biogas From Biomass

Product Code :
LBNY-0005-1960004



www.laboratoryinstrumentindia.com

Description :

The Pilot Plant For The Production Of Biogas From Biomass plant has been specially designed for the study of the anaerobic fermentation process resulting in the formation of methane gas (biogas) from organic waste material (biomass). In the field of the so-called soft technologies, anaerobic fermentation plays a primary role on account of the contribution it can make to the solution of major problems to do both with the energy crisis and with the disposal of organic waste materials. The Re Biomass pilot plant has been conceived so as to illustrate effectively the functional parameters which determine the quantity and properties of the biogas produced as well as the criteria governing system operation, in particular in terms of safety. Thus, this unit can be viewed as a valuable teaching tool for the understanding of both the processes and the technology adopted in the design of real systems.

Technical Specification :

Required services:

Water: 1000 l/h - 3 Bar;

Compressed air: 50 l/h - 6 Bar.

Three-phase electric power - 50/60 Hz - 4 kW;

Weights and Dimensions:

Dimensions: 2500 x 1800 x 2300 h mm

Weight when empty: 450 kg - laden weight: 650 kg.



Laboratory Instrument India