

Packaged Stainless Steel Digester

With lower construction costs, the facility helps users maintain stable operations and reduce maintenance costs by making it easier to monitor operational status.

A digestion tank made of steel sheets offers the advantage of lower construction costs, while sensors in the tank make it easier to monitor its interior status. These features ensure that our stainless-steel digester package helps users maintain stable operations and reduce maintenance costs. Taking advantage of these strengths, we will strive to popularize the use of digestion tanks.

A look at what the facility looks like and a structural overview



Key Features

● Multiple sensors make it easier to monitor the digester's interior status

Able to measure the volume of sediment and detect uneven temperature distribution as well as unusual foaming and other abnormalities

● Lower construction costs and a shorter work period

● Flexible retrofit based on business planning

Operable life of more than 35 years with periodic maintenance

High-efficiency Impellers

● The high-efficiency impellers used for stirring have low power requirements

● The scum-crushing mechanism allows the processing of a variety of biomass ingredients

● Sediment can be efficiently removed from the digester

Public Recognitions

- Published *Technical Manual for Steel Plate Digestion Tank* via joint research with the Japan Institute of Wastewater Engineering and Technology
- Conducted a research project commissioned by the National Institute for Land and Infrastructure Management and published a draft copy of the *B-DASH Project Guidelines*
- Registered by Japan Sewage Works Agency as a new technology (Type II)