



BIODIGESTER

EASY TO USE | EASY TO INSTALL | ECO-FRIENDLY

BIODIGESTER

- Biodigester is a UK-based company with over 3 decades of operation in UK, Europe, Africa and Middle East. The system is a standalone sewage Treatment plan for small capacities.

Biodigester finds application at

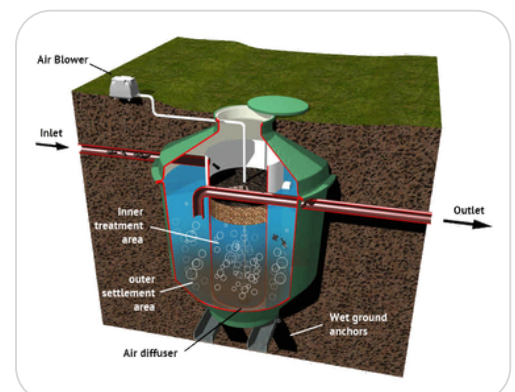
- Individual houses, apartments, and townships
- Construction sites
- Commercial establishments
- Hospitals
- Hotels
- Camping sites and tourism bungalows



- Simple to handle and install
- Simple to operate
- Unique, no smell guarantee – no storage septic sludge, no corners, and the overall process design was created odourless.
- Infrequent emptying interval – The substantial retained volume and other design features allow for a typical emptying interval of 3 years
- Substantial cost savings – infrequent emptying and simple maintenance typically save users at least INR 10,000 per year for the smallest biodigester 'T6' compared to the other products.
- Economical spare parts
- Carbon footprint minimization.
- Clear odourless effluent – The final effluent produced by a biodigester is clear odourless liquid, which may be discharged into a watercourse or approved underground soak away trenches. The modern solution is ineffective septic tanks.
- Tried and Tested Design – The biodigester has been extensively tested in Europe and the USA. Average test results in the USA were 5 mg/l BOD and 8 mg/l suspended solids.
- Efficient and stable process design – Retained capacity, controlled recirculation, process design, and special IFAS media create the environment for process stability.
- Suitable for variable loadings – The process design and controlled recirculation make the biodigester ideal for variable loadings.
- State of the art air blower with timer-based operation.
- 35 years of practical experience in packaged sewage treatment plants.

T-RANGE – SUITABLE FOR 6-42 PERSONS

- Available models from T6 to T36
- Simple process, Odour-free operation, Industry-proven air blower, Low power consumption, long life & Quiet operation
- Simple maintenance, extended emptying interval 2-5 years, & Simple, inexpensive annual maintenance.





PA RANGE – SUITABLE FOR 25-300 PERSONS



HBAW – SUITABLE FOR 2-11 PERSONS



OIL & GREASE TRAP



PUMPING STATION

- Single automatic pump with high-level alarm
- Twin automatic pumps (economy option)
- Twin pumps with full automatic control

ADDITIONAL EQUIPMENT

A grease trap is provided wherever a communal kitchen is present. It collects only kitchen wastewater and is usually installed outside the building. The wastewater is held in the grease trap for **24 hours**, allowing fats, oils, and grease to separate. The size of the grease trap depends on the type of kitchen and cooking. As a general guideline, **15 litres per cooked meal** is considered.

HIGHLIGHTS OF BIODIGESTER AS A EUROTECK PRODUCT

- Full technical back up and customer support in the market
- Making easier to install smaller capacities based on population equivalent (PE) in residential, commercial, industrial areas, where there is no access to a main sewers.
- Suggesting best models (like., patented T-Range) to optimize the installation, based on load of sewerage generated.
- Minimise costs using combined single tank installations
- Providing AI driven alarm systems as standards if needed
- No extra mechanical or electrical parts within the smaller units
- Robust FRP construction for easy and cost-effective installation
- Integral discharge pumps were installed efficiently (in all models), no additional tanks required
- Deep inlet inverts available to avoid pumping untreated sewage
- Low running and maintenance costs
- Minimizing the sludge storage days in Biodigester to increase efficiency of treatment
- Minimizing the electrical consumption for already existing Biodigesters replacement

OUR MANUFACTURING FACILITIES



We are committed to solve water challenges of our customers and support them build a resilient and sustainable water infrastructure, that provides water for all



+91 968 769 3899

www.euroteckindia.com

marketing@euroteckindia.com



SCAN HERE FOR MORE DETAILS

Factory

EUROTECK ENVIRONMENTAL PVT LTD

G-29 & G-30, GIP-Jadcherla, Polepally,
Mahaboobnagar, Telangana, India – 509301

Registered Office EUROTECK ENVIRONMENTAL

PVT LTD 504, Modern Profound Tech Park, White
Field Road, Kondapur, Hyderabad, Telangana, India –
500084