

# GCR

## OVERVIEW

GCR process is a compact biological treatment method designed for highly-concentrated wastewater treatment by increasing the oxygen transmission rate between air, wastewater, and micro-organisms, thus increasing the activity of micro-organisms.

## FEAUTRES

1. Efficient Treatment
  - Maximizes transmission rate of oxygen and substrate to bacteria in the reactor
  - Increases the activity of micro-organisms by using high oxygen rate of 30%~50% and high substrate transmission rate
  - High treatment efficiency, even for toxic materials including formaldehyde and phenol
2. Convenient Maintenance
  - Easy maintenance due to using semi-permanent 2-phase jet nozzles and high oxygen supply
  - Excellent operation flexibility even for changes of influent loading
3. Easy Installation and Compact Module Design

## PROCESS

