

Feature

Expanding Activities to Conserve the Future Global Environment



Mitsubishi Kakoki Kaisha

Started demonstration Operation of a Photobioreactor for Microalgae Biomass Production in an Urban Area

Mitsubishi Kakoki Kaisha (MKK) has started a demonstration operation of microalgae-culturing production on the premises of their Kawasaki Works, Japan. MKK has been involved in culture technology related to microalgae such as chlorella since the 1980s. One of their main products, the centrifugal disc separator “Mitsubishi Disc Separator”, is also being used for research on biojet fuels using microalgae oil and so on in recent years. This time, the demonstration operation is being expected to accelerate their development of microalgae-culturing production processes, new equipment and devices suitable for urban areas, furthermore inside Japan and in Southeast Asia by using fresh microalgae biomass.



MKK's photobioreactor features an original reactor frame with seismic isolation structure (patent pending) to minimize damage by vibration as well as flying objects as countermeasures against large earthquakes and typhoons.

For more information about the Mitsubishi companies, see “mitsubishi.com”

■ <https://www.mitsubishi.com/en/>



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