

BioCargo



Device for the transport of environmental biological samples

Technology description

This easy-to-use reusable device has been developed for the transport of environmental biological samples (water, sewage, soil) intended for laboratory analysis. Currently, all kinds of biological samples are delivered to laboratories in leakproof bags or other containers, which do not always guarantee the proper conditions for the sample during transport. This often results in distortions in research findings, resulting in difficulties with the assessment of the proper functioning of a treatment plant and thus the quality control of the water discharged.

The application of BioCargo can significantly contribute to the improvement and maintenance of high quality water discharged by biological wastewater treatment plants.

The advantages of this technology

One or several samples can be transported by means of BioCargo, providing each of them with independent stable oxygen and temperature conditions. All samples are protected against spillage and from exposure to mechanical damage. In addition, the device is equipped with a measuring system that allows a preliminary examination of the presence and amount of living organisms.

DEPARTMENT OF WATER PROTECTION

D. Marcin Głodniok
E: mglodniok@gig.eu
T: +48 32 259 26 79

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Application

- transport of biological samples,
- determining the proper functioning of biological sewage treatment plants,
- initial diagnostics during commissioning, service and repair services carried out in a biological sewage treatment plant,
- the maintenance of proper water quality from bathing areas to graduation towers,
- transport of fry and small aquatic organisms,
- cultivation of algae and cosmetics (algae suspensions)

