

IC-SEP

Separates Oil from Water



IC-SEP - This system works by separating the input waste by dissolving microscopic air bubbles (Dissolved Air Flotation) and floating one section of the waste stream up and out of the tank. This is the final stage that “polishes” the output stream removing residual traces of oil including emulsified and some dissolved constituents, prior to discharge to surface water.

Separation of contaminants, up to 95% reduction in BOD, COD and suspended solids, helping to reach WAC criteria. Separation of emulsified oils, greases, paints and latex emulsions.

Reduction in waste disposal cost as a more compact sludge / recovered product.

Recovery of solids (industrial), municipal waste and water treatment.

Oil contaminated solids. Industrial waste water, oils, greases from refineries, steelworks metal works and other similar industries.

IC-SEP

Applications	Specification	
Industrial Effluent Treatment, Treatment of marine slops, bilge waters, ballast water and marine diesel / oil, Treatment of food waste, cheese whey etc., Recovery of fibres & pulp from paper mills., Treatment of ground water systems.	Height Width Length	2.2m x 2.3m x 3.5m
	Weight:	800kg
	Material:	316 Stainless
	Output	10m3 /hr
Sectors	Suited for	
Oil & Gas	Onsite oil water separators, interceptors	
Shipboard	Grey/Ballast water, Bilge, Hold Cleaning	
Mining & Minerals	Oil Water Separator, interceptors	
Groundwater Remediation	Product Recovery, Environmental Services, Oil Water Separator	