

CONTINUOUS MEDIA SYSTEM (CMS)

Compact, efficient mechanical filtration system engineered for high suspended solids wastewater and wash bay effluents.

OVERVIEW

Enviro Concepts Continuous Media System (CMS) filters are designed to be the primary filtration stage for high suspended solids wastewater and washbay effluents. With or without solids pre-settling, the CMS filter can efficiently remove up to 95% suspended solids from wastewater producing filtered wastewater that is relatively sediment free. The CMS is used as pre-treatment for Enviro Concepts Oil Water Separators, Deep Bed Media Filters and Membrane Separation Processes.

Efficient suspended solids reduction is achieved by filtering the wastewater through a 5-20 µm pore size CMS filter paper. A motorised conveyor supports and automatically advances the CMS filter paper for continuous automated filtering action.

SPECIFICATION

Feed Water Source	High suspended solids wastewater and wash bay effluent
Flow Capacity	25 to 100 L/min
Dimensions	1190mm x 525mm x 1150mm
Dry Weight	Approx. 80kg
Power Requirements	240v (pump), 24v (conveyor drive)
Material of Construction	Stainless Steel
Media	CMS Filter paper (5-20 µm pore size)
Suspended Solids Reduction	up to 95%
Standard Features	CMS Filter Paper, Transfer Pump, Motorised Conveyor, Stainless Steel Lid, Catchment Tray

APPLICATIONS

- Suspended Solids, Sand and Grit Removal
- Light and Heavy Vehicle Wash Facilities
- Energy Suppliers, Resource Industry
- Quarantine and Weed/Seed Hygiene
- Treatment for Industrial Wash Effluents
- Water Recycling Pre-Treatment
- Mechanical Workshops
- Storm and Ground Water Treatment
- Treatment for Mine Vehicles and Heavy Equipment Wash