

# Adsorption Type Oil-Water Separator



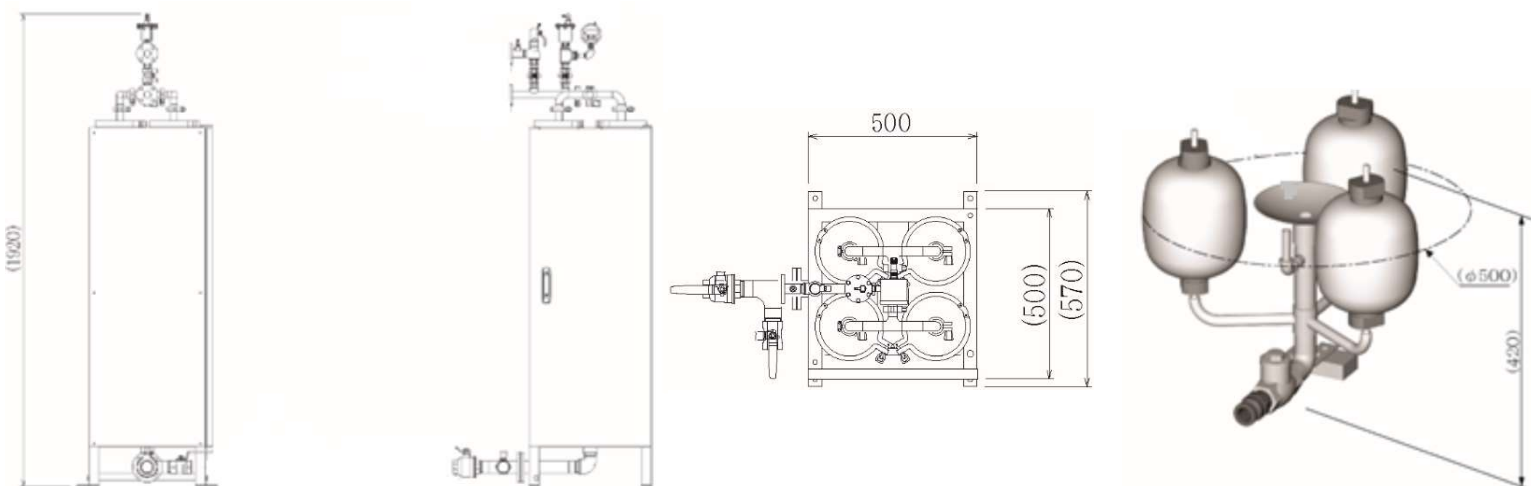
## Test Data

Analysis Item	Analysis Result		Analysis Method
	Raw water	Treated water	
Biochemical oxygen requirement (BOD)	98.0 mg/L	5.8 mg/L or less	JIS K 0102 21
Chemical oxygen requirement (COD)	65.0 mg/L	4.1 mg/L or less	JIS K 0102 17
Normal hexane extract (animal and vegetable oil)	95.0 mg/L	3.0 mg/L or less	JIS K 0102 Reference I .2
Normal hexane extract (mineral oil)	230.0 mg/L	5.0 mg/L or less	JIS K 0102 Reference I .1
C Heavy oil (MFO, HFO, RFO)	Measured value over	5.0 mg/L or less	Gas chromatograph method

## Outline Drawing

LW-MTS-OSU has a strong oil adsorbent in small dimensions.

We also have items for highly efficient oil and water recovery (Model: IH-20).



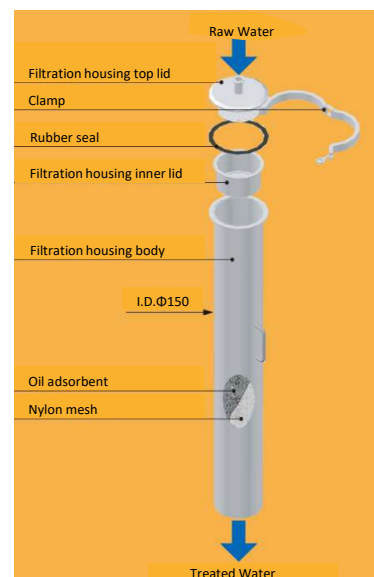
## Product application

LW-MTS-OSU collects oil slicks and surface oil floating in the oil-water separation tank with an oil recovery device floating on the liquid surface and separates the oil and water.

## Characteristics

- ① Uses a cartridge method for the filling material
  - Easy replacement of filler (filler is packed in a mesh bag)
  - Compact design enables effective use of space
  - The number of cartridges used can be set according to the assumed oil processing amount.
- ② Filled with high-performance oil-impregnated wastewater treatment material that can also treat emulsified oil!
 

The treated water will be less than 5ppm of n-hexane extract.
- ③ Consumables are only oil adsorbents!



Device overview	OSU-10	OSU-20	OSU-30
Oil Recovery amount	10 L/min	20 L/min	30 L/min
Target oil	Mineral oil & animal and vegetable oil		
Collection Method	Float type recommended		
Form	500*500*1920		500*730*1920
Filling Material	Filtor FT 12kg	Filtor FT 24kg	Filtor FT 36kg
Weight (water Full)	142Kg (192Kg)	170Kg (250Kg)	240Kg (290Kg)
Raw water entrance		20A	
Raw water return port caliber		40A	
Treated water outlet caliber		40A	
Drain diameter		40A	

- It may differ from the specified value depending on the condition of raw water.
- This product requires a separate float system and pump.
- Specifications are subject to change without notice.