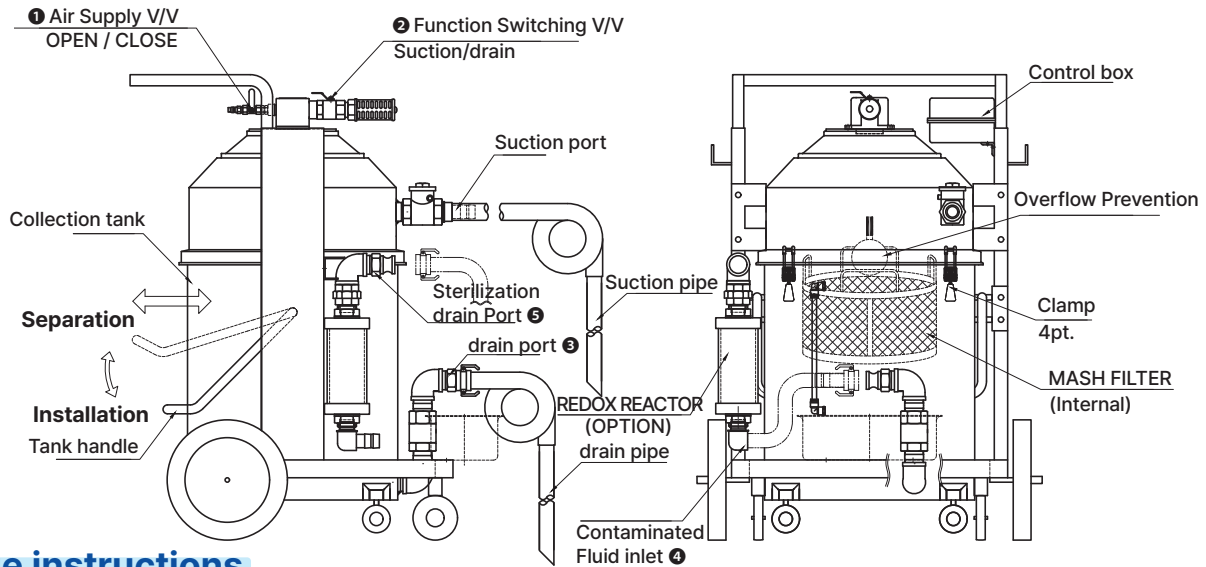


# SLUDGE CLEANER

# MANUAL

## Part names



## Usage instructions

Purpose		Device	① Air Supply V/V (OPEN/CLOSE)	② Function Switching V/V (OPEN/CLOSE)	③ Drain port	Sterilization Filter (OPTION)	
						④ Contaminated Fluid inlet	⑤ Sterilization drain Port
Suction(In)	Manual	OPEN	OPEN	-	Separation	Separation	
	Automatic	Press the SUCTION : on / Repeat: off		-	Separation	Separation	
drain(Out)	Manual	OPEN	CLOSE	Connecting drain pipe	Separation	Separation	
	Automatic	Press the DRAIN : on / Repeat: off		Connecting drain pipe	Separation	Separation	
Circulation (Repeat S/D)	Manual	OPEN	Every 30 sec. Repeat OPEN / CLOSE	Connecting drain pipe	Separation	Separation	
	Automatic	Press the CYCLE START : on / Press the POWER : off		Connecting drain pipe	Separation	Separation	
Sterilization circulation (Repeat S/D)	Manual	OPEN	Every 30 sec. Repeat OPEN / CLOSE	Connecting contaminated fluid inlet	Connecting drain port	Connecting drain pipe	
	Automatic	Press the CYCLE START : on / Press the POWER : off		Connecting contaminated fluid inlet	Connecting drain port	Connecting drain pipe	
Detach and drain the basket filter		The filter must be replaced after stopping the equipment.					
Replacing the sterilization filter							

## Instructions for use

- Position the collection tank in the center of the cover and attach the tank to the cover by pressing the tank handle. (Secure with clamps at 4 points)
- Connect the suction pipe and drain hose to the cutting oil tank.
- Supply compressed air to the AIR COUPLER of SD400.
- Open the air supply valve and remove the sludge and chips from the cutting oil tank using the suction pipe. (Check the liquid level inside the collection tank)
- Switch the function valve to drain and drain the filtered cutting oil.
- Repeat steps 1-6 to thoroughly clean the cutting oil tank.
- After cleaning, lift the handle of the collection tank to separate the accumulated chips and filtered cutting oil in the filter mesh inside the tank for disposal.

## Cautions

- The inner diameter of suction pipe is  $\Phi 27$ , and it is impossible to suction at the viscosity level of GREASE.
- When liquid flows towards the silencer, empty the contents of the collection tank. (Confirm the height of the contents in advance with a liquid level gauge.)
- If not in use, the collection tank must be emptied.
- The compressor capacity is 7.5KW (10HP) or higher, and the AIR HOSE inner diameter is  $\Phi 8$  or larger.

### • When suction is not smooth

- Check operating conditions (4kgf/cm<sup>2</sup>)
- Inspect and replace the silencer
- Check the inside of the suction and drain ports
- Check and replace assembled O-rings
- Check for foreign substances in the attached check valve when suction material backflows.