

Supply Record of Multi-Disc Dehydrator in Japan market 【Case 1】

Low concentration of TS0.6% sludge Survey for 2 types of coagulants (Inorganic and Polymeric)

Business: Food processing

Type of sludge: Excess sludge

Model: JD-1000

Type of coagulant:

(1) Inorganic coagulant (Polyferric sulfate)

(2) Polymeric coagulant (SAS4025C)

Results:

Item	Unit	1st Run	2nd Run	3rd Run	4th Run
Supply amount of Inorganic coagulant	mL/min (Hz)	80 (28)			110 (40)
Additive rate of Inorganic coagulant	% (vs sludge TS)	15.9			22.2
Water content of the cake	%	90.1	90.8	90.8	84.7
Dehydration speed	kgDS/h	23.3	29.9	43.1	27.7



An outward appearance of JD-1000



Inside of dehydrator unit