

Sediment Tank (Deposition Tank)

Sediment tank is used in purifying traditional herbal medicine, oral liquid, food health products etc. It is the key equipment of precipitation process. It is also suitable for freezing, normal temperature precipitation and solid-liquid phase separation of suspensions in other pharmaceutical, chemical, food, oral liquid, health products.

Our company new developed sediment tank have the following functions.

- Jacketed can use the chiller system to cool in very low temperature, it can make the precipitation process much fast and effective.
- Top mounted propeller type agitator which can adjust the agitator speed to fit the different process.
- Shell side solution discharge system can discharge the upper solution easily and conveniently .
- Bottom sediment particle outlet nozzle with the pneumatic cylinder door to discharge easily .



- Technology data Specification -

Model	CCG-500	CCG-1000	CCG-2000	CCG-3000	CCG-6000
Tank volume (L)	500	1000	2000	3000	6000
Jacket cooling area (m ²)	2.8	4.2	7.5	10	15.5
Inside shell temperature (°C)	-90 ---- room temperature				
Inside shell pressure (MPa)	-0.09/0.3				
Jacket pressure (MPa)	0.3				
Agitator speed (RPM)	0-200				
Motor power (Kw)	1.1	1.5	2.2	4.0	7.5

*Above model just for reference, we can do according to client's URS *