



PRODUCTS N°12

Reaction still

Purpose:

1. It is applicable to medicine, food, bioengineering, fine chemicals and other fields.
2. It can realize hydrolysis, neutralization, crystallization, distillation, evaporation and storage process.

Structural features:

1. The transmission mechanism can adopt electrodeless variable speed reduction gear, cycloidal pin gear speed reducer and other structures.
2. The sealing device can adopt packing seal, mechanical seal, magnetic seal and other structures.
3. Heating and cooling can adopt middle sleeve, coiler, semicircle pipe and other methods.
4. Heating method can adopt electrical heating, steam heating, conduction oil, etc.
5. If technology requires, coiler heating or cooling media can be added in the reaction still.
6. Hygiene level stainless steel is adopted as the material, and 304, 304L, 316, 316L can be selected according to media or customer's requirement.

7. It conforms to GMP requirement; the internal wall of barrel has circular arc transition with end enclosure and connecting pipe, ensuring hygiene and no dead angle. The surface roughness of product is usually at Ra 0.8~0.2 μ m. 8. Design can be done for special work conditions.

Technical data sheet for reaction still

Nominal volume (m ³)	Internal diameter of tank (mm)	Length of tank (mm)		Power range (KW)	Rotating speed range (r/min)
		Upper and lower ellipsoidal head	Upper flat top and lower 120° cone		
1	1000	1100	1200	1.5~15	12.5~1000
1.6	1200	1200	1400	1.5~18.5	12.5~1000
2	1400	1040	1200	1.5~22	10~750
2.5	1400	1400	1500	1.5~2.2	10~750
3.2	1600	1300	1500	1.5~30	10~750
4	1600	2200	2400	1.5~30	10~750
5	1800	1650	1800	1.5~37	8~750
10	2000	2850	3000	1.5~55	8~750
15	2400	2930	3130	3~55	8~750
20	2600	3350	3550	3~75	6.3~750

Reaction still

