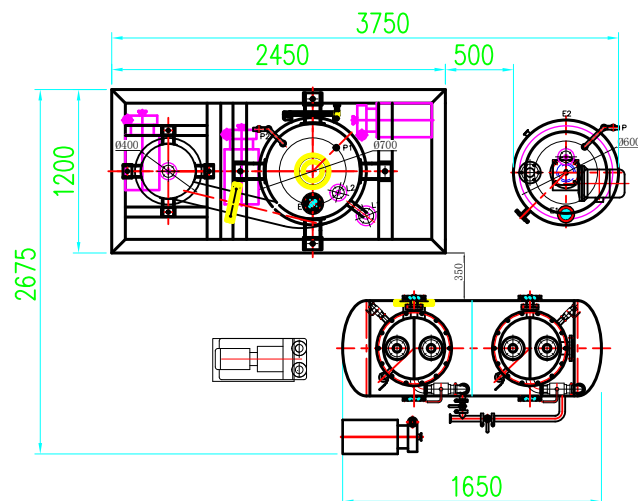


Feed pump Circulation pump Discharge pump 150L Concentration tank Vacuum pump Condensate pump



Technical characteristics table			
Standard of design and manufacture inspection		designed parameters	
1. JB/T4735-97 2. HG20584 3. HG20583 4. GMP		vessel type	Atmospheric pressure
		parameter name	Inner tank Jacket
		work pressure Mpa	-0.08 -0.15
		design pressure Mpa	-0.1 0.3
		work temp ℃	60-70 100
manufacture and inspection request		design temp ℃	110 140
joint type	Except the parts with marks in the drawing, all is according to GB/T985-2008.	material	feed material water vapor
		Welding joint coefficient	0.85 0.85
		Main compression element	SS316L SS316L
		heating area m²	9.0
		condensing area m²	12*10
Welding procedure	JB/T4709-2000	Thermal insulation material	Aluminum silicate
		insulation layer Thickness mm	50
Packaging and transportation requirements	JB/T4711-2003	motor kw	2.2
		Agitation speed r/min	36

Technical Request

- During the air pressure test, the pressure should be increased slowly. When it reaches the test pressure, hold the pressure for 30 minutes, then reduce the pressure to the design pressure for a long enough time to inspect all welds and joints. If no leakage, no visible abnormal deformation and no abnormal sound during the pressure test, qualified. Otherwise, the pressure should be drained and repairs made. After the repairs, the pressure should be re-tested.
- Smooth welding joints both internal and external, hom's welding joint rounded off, mirror polish inner and external surface.
- Nozzle and bearing position is according to the top view, it can be changed according to the process piping.
- The jacketed safety device is located near the steam inlet pipeline.

Draft - 350kg FFE Pot Still System without Decarb

	Vobis, LLC	GA
	Rev 1	