

## 8,600 LITERS ACTIVE PHARMACEUTICAL INGREDIENT (API) PILOT PLANT FOR SALE

Capacity: 8,600 liters

Year Built: 2003

Shut Down: 2011

Major Equipment:

- Hastelloy reactors
- Cryogenic reactors
- Glasslined reactors
- Alloy basket centrifuges
- Hastelloy pressure filters
- Halar coated steel drying ovens
- Alloy agitated dryer
- Cone mill
- Process scrubber
- Cryogenic condenser
- Heat/cooling exchanger
- Purified water system
- Solvent tanks
- Control system



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### BRIEF PLANT DESCRIPTION

The API plant was built for pilot production of various pharmaceutical ingredients. It is equipped with 20 reactors in 7 segregated processing suites for GMP and safety. Broad range of reactors has capacity from 10 gallons to 500 gallons (40 – 2000 liters), constructed from Hastelloy (12) and GLCS (8). Total volume capacity is 2,150 gallons (8,600 liters). All reactors capable of operating between  $-20$  and  $+180^{\circ}\text{C}$  and from full vacuum to at least 45 psi. Three reactors capable of higher pressure for hydrogenation (to 300 psi). Two reactors capable of cryogenic cooling to  $-60^{\circ}\text{C}$ . The plant also has separation, milling and drying machines. The plant has heating and cooling by single heat transfer fluid (Syltherm XLT).

CONTACT US FOR MORE DETAILS