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Available equipment for synthesis operations /aroma chemical department/

Hydrogenation : Vessel size 500 l - standard Ni-catalysts
 Vessel size 300 l - precious metals (Ru-catalysts)

 Pressure on both vessels : up to 300 bars

Reactor Vessel : Vessel size 1500 l
 Stirring arrangement

Rectification columns : 2 distillation facilities

 Both columns with vessel size 1500 l, 15 theoretical plates, vacuum 1 kPa

Semi-pilot plant facility : Reactor 1 – vessel size 630 l
/under construction/ Steam heating 4 bar, stirring arrangement

 Reactor 2 – vessel size 630 l
 Oil heating, stirring arrangement

 Reactification column – vessel size 300 l
 Oil heating, 50 theoretical plates, vacuum 1 kPa

All vessels are in stainless steel and (unless stated differently) with electrical heating up to 230°C.