

Stirred Pressurized Reactor

Polymerization Reactor Plant



- **Compact design to fitting into lab fume cupboard**
 - **Stainless steel reactor, pressure proof & exchangeable**
 - **Liquid and gas feed, 1 l solid feeder**
- **Fully automated with industrial control system**

Technical Data

Dimension plant W x D x H	1400 mm x 1150 mm x 2000
Mass of the unit without computer + spares	400 kg
Electrical supply	380 V, 60 Hz, 16 A
Ambient conditions	5 to 40 °C, max. humidity: 90% @ 20 °C
Pressure conditions	-1 to 40 bar g
Temperature conditions	Operating temperature 175 °C Design temperature reactor: 200 °C
Reactor type	Stainless steel stirred reactor, 2l
Stirrer torque	5 Nm
Gas supplies	Ethylene, 35 bar g Nitrogen, 30 bar g Hydrogen, 35 bar g
Liquid supplies	Hexene, butene, i-pentane
Solid and slurry supply	1 l solid feeder

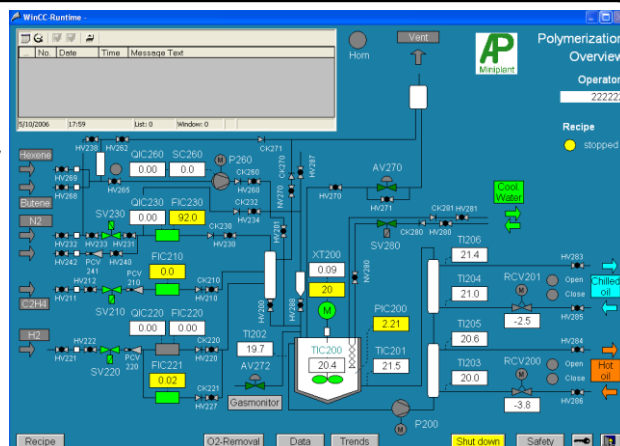


Reactor



Solid feeder

Control system - overview



Product Overview



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