

20 l and 50 l Reactor



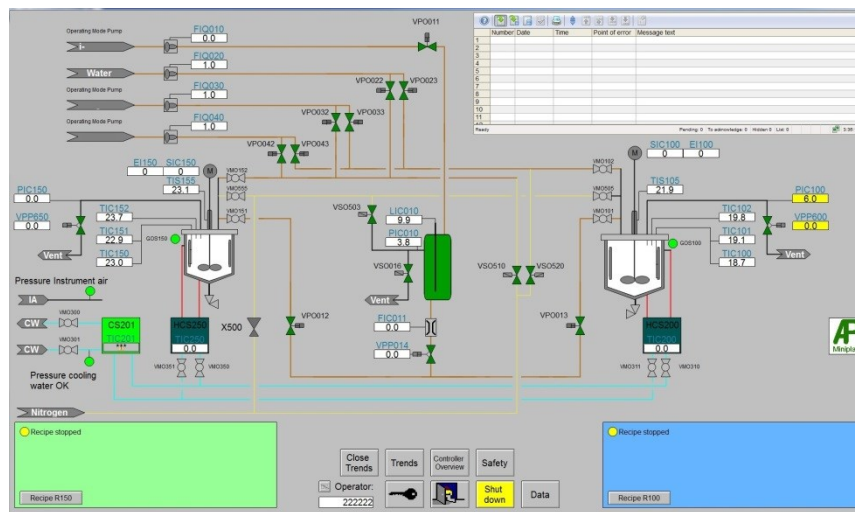
- **2 stirred stainless steel reactors with lifting system**
 - Speed controlled explosion proof motors
- **Dosing system, thermostats for heating, re cooler**
 - **Fully automated with industrial control system**

Technical data

Dimension plant (W x D x H)	1900 x 800 x 2200 mm (without thermostats and switching cabinet)
Weight plant	1400 kg
Electrical supply	400 V / 50 Hz / 63 A
Ambient conditions	10 to 35 °C
Pressure conditions	-1 to 18 bar
Temperature conditions	-40 to 200 °C
Reactor type	Stainless steel stirred reactor (20 l + 50 l) with hydraulic lift systems
Receiver tank	Feed vessel 10 l
Liquid supplies	Ethylbenzene, Styrene, i-Pentane
Thermostat	10/20 kW / -1 - 40 kW, 180 °C, water cooled



Reactor: 50 l



Operator main screen



Receiver tank: 10 l

AP-Miniplant turn-key research plants are used for:

- Absorption, Adsorption, Extraction
- Reactive distillation, Distillation, Rectification, Evaporator, Humidification
- Precipitation, Stirred Reactor, Dryer, Mixer, Filter
- Polymerization Reactor, Polycondensation, Gas Phase Polymerization
- Catalyst Test System, Fixed Bed Reactor, High Temperature Furnace
- Training Plant, Container Unit, Gas, Liquid and Solid Dosing



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