

# Gas to Liquid Plant



- Transformation of biogas to liquid fuel
- Container unit housing the plant and the operator station with PC
- Remote control possible

## Technical data

Dimension plant (W x D x H)	Plant 3000 x 800 x 2200 mm - container: 4400 x 2440 x 2800 mm
Weight with/without Container	5000 / 1600 kg
Electrical supply	3P ~ 400 V / 50 Hz / 50 A
Biogas supply	PS = 0,4 bar / TS = 60°C
Reformer	TS = 950°C
Vessel (2x)	PS = 0,5 bar / TS = 250°C and PS = 30 bar / TS = 300°C
Reactor	PS = 30 bar / TS = 350°C, Category III PED
Supply	Biogas, hydrogen, nitrogen, water
Compressor	3-stage, hermetic, electrical drive
Control system	Industrial Control System 24/7 with recipe control



Container



PC-workplace inside container



Pump

## 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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