



Mechanimix

Pilot Units

PROCESS TYPES

- HYDROGENATION
- CARBOXYLATION
- OXIDATION
- ETHOXYLATION
- PROPOXYLATION

PROCESS MONITORING

- GAS FEED RATE
- TEMPERATURE VALUES (BOILER AND JACKET)
- PRESSURE
- IMPELLER ROTATION SPEED

ADVANTAGES

CUSTOMIZED FOR MIXING SYSTEMS:

- SHORT MIXING TIMES
- MAXIMUM MASS TRANSFER
- EFFICIENT SOLIDS SUSPENSION
- EFFECTIVE HEAT TRANSFER

FEATURES

- REACTOR UNIT THAT CAN BE OPERATED IN EX-PROOF AREA
- MECHANIMIX COMBINED GASSING SYSTEM
VARIOUS DIFFERENT IMPELLER SYSTEMS SUCH AS (GDM-GDS)
- ADAPTIVE PARTITION CONFIGURATION AND
REMOVABLE INTERNAL COOLING COIL

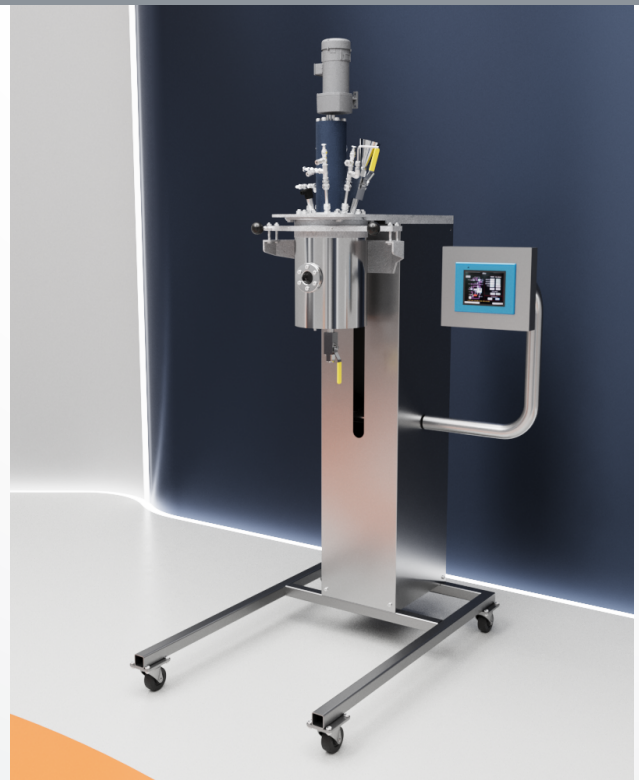
OUR SERVICES

SUPPORT FROM MECHANIMIX EXPERTS:

- FIELD COMMISSIONING OF THE UNIT
- ASSISTANCE FOR OPERATION
- SCAL-UP EXPERTISE
- PROCESS GUARANTEES

WORKING CONDITIONS

- WORKING VOLUME 3-25 LITERS
- GAS SUPPLY UP TO 1.6 M³/H
- TEMPERATURES: 25 TO 250°C
- PRESSURE: 0 TO 81 BAR (ABS)
- VISCOSITY: LOW VISCOUS FLUIDS



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