

Mobile Jacketed Reactor Systems

Jacketed reactors are commonly used now a days and have replaced the traditional heating mantle systems in most applications.

These reactors have a jacket outside the main reaction vessel and it is used for circulation of heating and cooling media. This type of construction offers visibility of reaction and high heat transfer efficiency.

Mobile jacketed reactors can be easily transported with their content. They can also be further connected with columns and condensers for vacuum distillation.

Capacity: 500ml to 500 Litre

Operating Pressure: -1.0 (Full Vacuum) to 0.5 Bar

Material of Construction: Borosilicate 3.3 Glass

Operating Temperature: -30 to +200
(Up to -90 available for special applications)

Salient Features

- Complete visibility of reaction
- Higher heat transfer efficiency
- Compact construction
- Glass top cover with multiple ports
- Flush bottom valve with zero dead volume
- Different types of stirrer available for various applications



0.25/0.5 hp motor
flameproof/non-flameproof

New and compact
Support Structure
for easy accesseability

Jacketed Reactor
with graduation

Zero dead space drain valve along with inbuilt temperature sensor to sense low volumes less than 50 ml

Heavy Duty Lockable
Castor Wheels

VFD for stirrer motor
control along with
digital monitoring of
controller

5 - Neck lid with big powder addition port along with quick release coupling for easy handling

Stirrer Shaft
25/45 mm durable
heavy duty stirrer
shaft and agitators

Lower support plate
alongwith rubber "V"
shaped opening which
allows unobstructed
view of bottom valve

E-52/2, Sardar Industrial Estate,
Ajwa Road, Vadodra - 390019, Gujarat
Email: marketing@ablazeglassworks.com
Contact: +91 265 2572420