

NanoLiposome Producer Apparatus

Advantages:

- Preparation process simplicity
- Low energy consumption
- * Without downsizing stage to prevent liposome and entrapment molecules decomposition
- ❖ Liposome size controlling base on physicochemical, thermodynamic parameters
- Easily convert from batch process to continuous process
- Easily Scale-up from lab scale to industrial scale

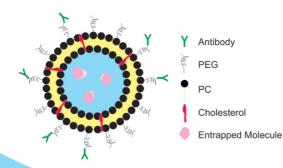
Applications:

Pharmaceutical Industries

❖ Food & Nutrition Industries

Cosmetic Industries

Agriculture Industries





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Performance abilities:

- ❖ Controlling temperature: 20 to 100 °C
- ❖ Controlling stirrer rate: 60 to 400 rpm
- ❖ Controlling spray flow rate: 0.1 to 1 *ml per spray*
- Controlling inlet air pressure: 1 to 10 bar
- Controlling spray velocity: 1 to 60 spray per minute
- ❖ Controlling aqueous volume: 50 to 400 ml per batch
- Providing vacuum condition at final stage for ethanol removing

