

CREAM MANUFACTURING



01

▶ TYPE OF COSMETIC CREAM

- Night cream, Cleansing cream
- Moisturizing Cream, Foundation Cream, Sunblock, BB cream,
- Cold cream, Eye cream, etc.

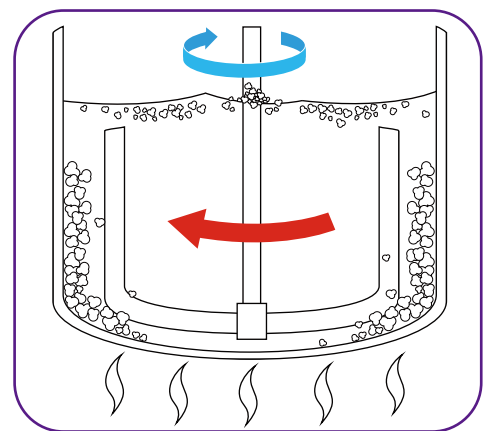
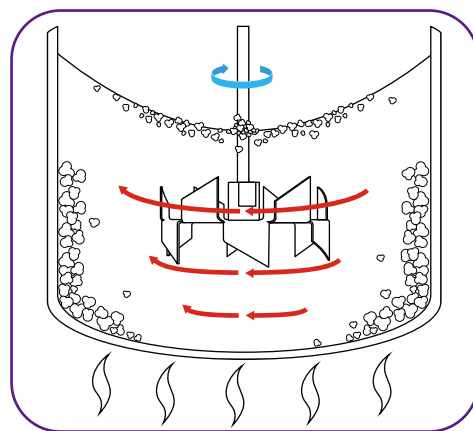
▶ TYPICAL CREAM MANUFACTURING PROCESS

- 1) While mixing distilled water, purified water, neutralizing agent, etc. in the aqueous component tank, heat the material to 70~75°C
- 2) Mix oily ingredients and emulsifiers (waxes, alcohols, surfactants, etc.) in a separate tank and heat to 70~75°C
- 3) While gradually adding the oil phase to the water phase (70~75°C), emulsify it with a homomixer.
- 4) Add fragrances, preservatives, and additives between 45 and 50°C.
- 5) After finishing work such as defoaming, filtration, cooling, etc., the packaging work is carried out. If the viscosity is high, put it in a packaging container and cool the contents.

02

Problems with existing processes

- 1) In the past, many people are using DISSOLVER or ANCHOR-MIXER, which dissolves the thickener at low speed.
- 2) Even in the process of mixing and emulsifying water-based and oil-based materials, it is difficult to accurately emulsify when using a low-speed stirrer, and it takes a long time to emulsify.
- 3) Additional processes such as cooling and defoaming for packaging are required, and the overall process increases, resulting in an increase in manpower and cost, resulting in a decrease in process efficiency.



Even such a difficult process can be innovatively improved with MIXENMILL.
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