

# EKATO SYSTEMS

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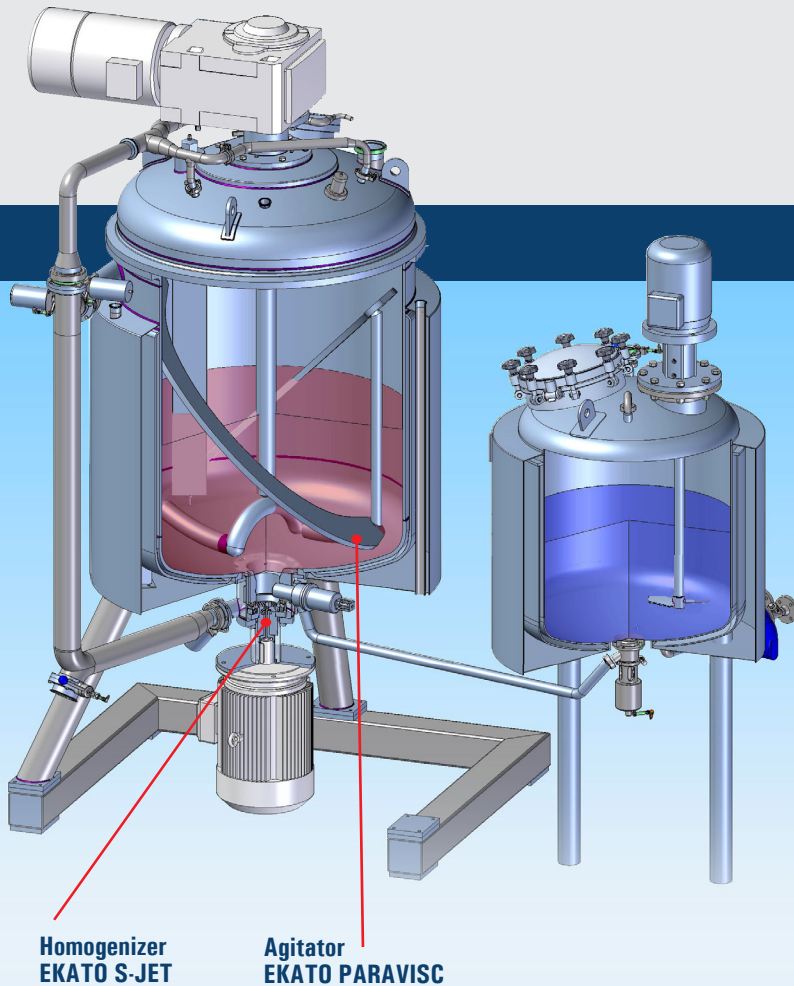
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## Low-Energy-Process SAVING TIME AND ENERGY

Advanced Process Solutions

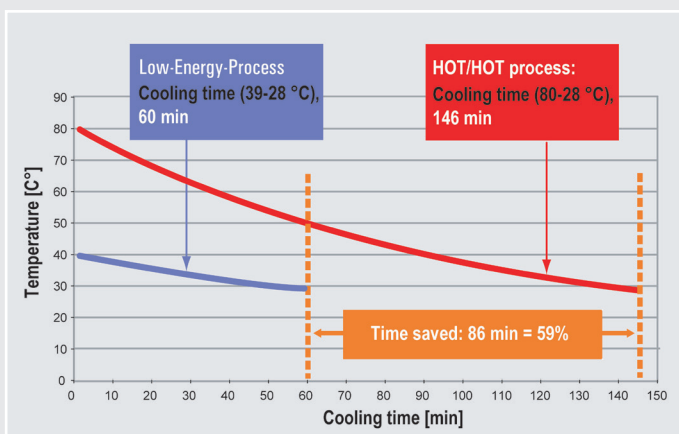


**HOT/HOT**  
the traditional  
solution

## Low-Energy-Process the state-of-the-art solution

- For emulsions with fat and water phases
- Only fat phase to be heated
- Immediate emulsifying of both phases through EKATO S-JET homogenizer technology
- Significantly shorter cooling and batch times
- Trials and process evaluation in our labs (scales: 3 to 1000 liters)

**Comparison Low-Energy-Process vs. HOT/HOT**  
Moisturizing cream, medium viscosity (O/W, 5000 liter, 42% fat phase)



**Saving potentials of Low-Energy-Process**  
with various fat phases %

