

## Mixing Basics - Part 1 Homogenization



Webinar

Blending miscible liquids might seem straightforward, but as we'll demonstrate in this webinar, it's not always the case. With an understanding of the challenges and the right equipment, however, it can become very easy.



January 23,  
2025



3.00 - 3.45 pm  
(CET)



Free of  
charge

### Homogenization of miscible liquids

- Blend time & power consumption
- Turbulent blending
- Blending in the intermediate range
- Blending at high viscosities – up to 1.000.000 mPas
- Scale-up of processes focusing homogenization

### Objectives

In this first event of a series on mixing tasks we will focus blending and homogenizing – this is very relevant for the majority of agitated reactors all over process industry. We will give insight into how blend times are determined for different mixing equipment in different media. We will provide information on the efficient design of corresponding mixing setups. Finally, we will show how to use calculation methods and valuable tools in order to guarantee a safe scale-up to commercial.

### Target Group

General managers, process engineers, R&D specialists, production managers, buyers, project managers as well as anyone interested in process development, equipment engineering and production improvement.

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