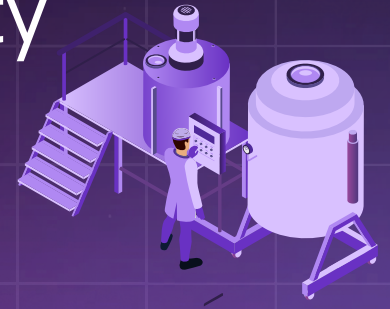


Basetwo: Optimizing Beauty & Personal Care Process Scale-Up



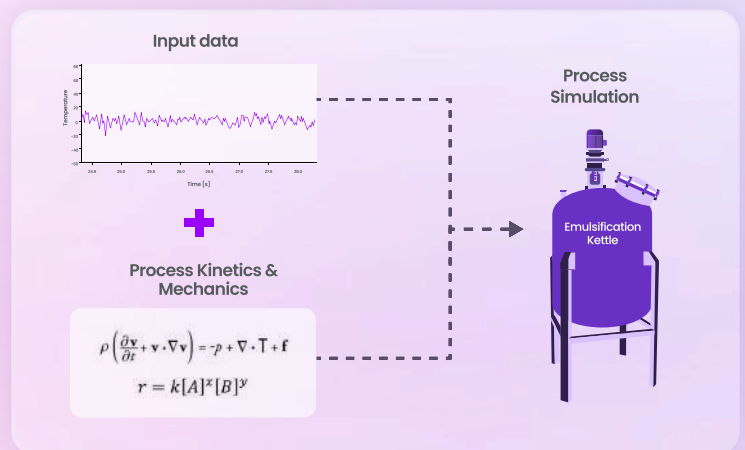
The Basetwo AI platform enables virtual experimentation through physics AI-powered digital twins, providing beauty & personal care manufacturers with dynamic recommendations on how to optimize process scale-up, minimizing trial runs and reaching customers faster.

1 Data Extraction

Extract lab and formulation data on processes such as emulsification, dispersion, deaeration, etc.

2 Simulation of a physical process within a virtual environment

This allows engineers to rapidly run hundreds of simulations that capture underlying process kinetics and dynamics to predict & optimize process performance across scales.



3 Basetwo runs rapid optimization:

Basetwo combines physics and AI with reinforcement learning to determine the best way to scale-up or changeover beauty & personal care processes while ensuring consistent quality. This “right first time” manufacturing can reduce or replace costly trial runs, improving time to market.

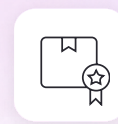
4 The result of real-time process optimization:



Improved formulation process understanding for scale-up production



New process conditions recommended for improved product quality



Products designed 50% faster with targeted properties

Explore how Basetwo can help reduce costs and increase efficiency for your team.

Reach out today!

✉ contact@basetwo.ai