



## FILMIX™ 40-L. High-speed thin film mixer.

Grinding & Dispersing

**FILMIX™ has shattered conventional wisdom in mixing, giving rise to totally new technologies.**

The thin-film, spin methodology ensures sharp distribution of nanometer-sized particles that has been impossible with conventional mixers. The high speed revolution of the rotor causes materials to form a thin film along the walls of the vessel. Since the centrifugal force is greater than gravity, the material is mixed in a confined space where the energy can be dissipated.

### Features

- Allows for particle engineering at the nanometer size and creates very accurate even distribution.
- Able to disintegrate secondary agglomerates.
- Dispersion is instantaneous.
- Mixing effect prevents secondary agglomeration.



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### Technical information:

<b>Input Power</b>	AC 200 V 50/60 Hz 1 phase w/cable: 1.5 m
<b>Mixing Section</b>	Motor: 0.75 kW Mixer head rpm: 2,700–21,000 Working capacity: batch 15–30 ml Construction material: wetted parts-SUS304
<b>Controls</b>	Controller: separately located Display: temperature, amperage, velocity, operation timer (countdown) RUN/STOP/switch SPEED/OPERATION TIME volume Date logging: SD Card
<b>Vessel</b>	Full capacity 47 ml
<b>Approx. Weight</b>	18.5 kg

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