



Supporting clean energy product development. First laboratory-scale FILMIX™ for continuous operation.

Features

- Ability to control particle characteristics (sharp particle size distributions, particle size reduction to the nano-scale).
- Dispersion capacity of up to 180 mL/min (10.8 L/h). May also be operated in batch mode.
- Made for easy disassembly, reassembly and cleaning.
- Touch panel operation and monitoring.
- The rotor speed, run time, liquid temperature, load current, and power consumption values are displayed.
- USB Data-logging capability (logs impeller speed, run time, vessel temperature, load amperage, power consumption).
- Utility Requirements: Cooling water temperature of 5 ~ 10°C (Cooling capacity of 3.7 kW at 20°C recommended) Dry air supply pressure >0.4 MPaG, 25 NL/min.



FILMIX™ 56-L.

High-speed thin film mixer.

Applications

Batteries: Lithium-ion batteries, fuel-cells, capacitors

Cosmetics: Sunscreen, lotion, moisturizer, creams

Technical information:

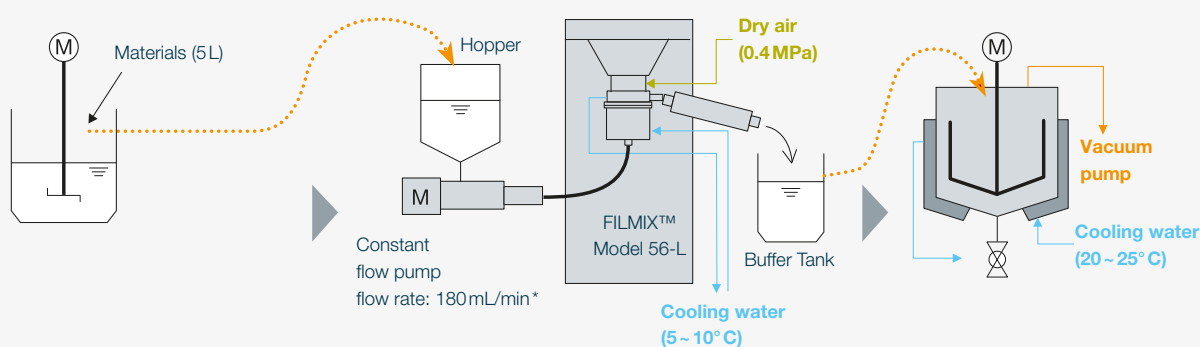
Power supply	AC 200V ± 10 %, 50/60Hz, 3 phase, 9kVA
Mixing head	Motor: 3.7 kW, up to 11,000 rpm
Control panel	Touch panel
Volume range	180 mL/min* (continuous), 50 ~ 90 ml (batch)
Dimensions	W340xD560xH640 mm
Approx. Weight	45 kg

Electrode slurry preparation

Pre-mixing
Recommended equipment:
Hoomogenizing disper

FILMIX™ dispersion

Deaeration
recommended equipment:
Anchor mixer



* Dispersion capacity is calculated with a residence time of 30 seconds.

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