

Avantor TopMixer 200 & TopMixer 500 single-use open top mixing systems

Modular mixing systems for your biopharma processes with integrated formulation programming.

Consistency and reproducibility are essential when mixing media and buffers to ensure the quality of your product. Designed for current good manufacturing practice (cGMP) bioprocessing applications, including upstream and downstream workflows, Avantor's TopMixer systems can process liquids or powders simply and efficiently while maintaining the highest level of dependability.



CUSTOM SOLUTIONS TO MEET YOUR APPLICATION

The Avantor TopMixer solutions can be customized to meet your unique manufacturing specifications, from platform to accessories. Compatible with Avantor's full suite of single-use solutions, including tank liners and other accessories, our systems can meet your production demand.

VERSATILE DESIGN FOR EFFICIENT SCALING

From small batch to full scale production, Avantor's TopMixer solutions provide the flexibility of scale without overcrowding your manufacturing site. With an operating range of 50L to 560L, these mobile units can be used with a variety of tank sizes that are interchangeable while keeping the base intact. Scale up or scale down product production based on demand with limited cost of ownership.

PROGRAMMABLE CONTROL ENABLES AUTOMATION

The Avantor TopMixer 200 and TopMixer 500 single-use mixing systems come with a programmable 7-inch touchscreen control system to automate your process. Customize and store mixing speed and time, weight addition, weight read outs, mixing limits and start/stop/pause functions all in one set up. Adjust these settings based on batch size and store formulations to ensure consistency.

For more information about Avantor's single-use products, including accessories for the TopMixers, visit www.vwr.com or contact your Avantor sales representative.

| | Avantor TopMixer 200 | | | Avantor TopMixer 500 | |
|---|---|------|------|--|------|
| | AFH-TM200-PCK | | | AFH-TM500-PCK | |
| MIXERS, TROLLEY'S, IMPELLERS AND TANKS | Includes TopMixer 200 Frame, Advanced trolley with loadcells, mixing impeller and 3 containers (50, 100 and 200L). | | | Includes TopMixer 500 Frame, Advanced trolley with loadcells, mixing impeller and 3 containers (200, 300 and 560L) | |
| Avantor TopMixer Frame (Product No.) | AFH-TM200-MF | | | AFH-TM500-MF | |
| Tank size | 50L | 100L | 200L | 300L | 560L |
| Footprint (width x depth) | 1302x1175 mm | | | | |
| Height | 1781 mm | | | 2081 mm | |
| Weight | 160 kg | | | 165 kg | |
| Material | Stainless Steel 304L, water blasted | | | | |
| Wheels | 4 cleanroom wheels, swivel, with brake | | | | |
| Mixing rate | 0-1000 rpm | | | | |
| Controls | Touchscreen for stand-alone operation, connectivity for data sharing and remote control. | | | | |
| Safety | Proximity sensors detect presence trolley and tank to verify correct installation of safety sleeve. Emergency stop. | | | | |
| Controller | Servo drive with on-board Advanced Motion Controller | | | | |
| Mixer | 0,72 kW mixer motor with interface for exchangeable mixing shaft | | | | |
| Power requirements | 240 VAC; 50/60 Hz; single phase | | | | |
| Connector | EU/US/UK or other power plug and throughput power outlet for peripherals | | | | |
| Avantor TopMixer Trolley + Loadcells (Product No.) | AFH-TM200-TRA-LC | | | AFH-TM500-TRA-LC | |
| Footprint (width x depth) | 850 x 1090 mm | | | 850 x 1140 mm | |
| Height | 1116 mm | | | 1116 mm | |
| Trolley weight | 90 kg | | | 93 kg | |
| Accessories | Includes pushbar and cable support | | | | |
| Load cells | Mettler Toledo | | | | |
| Weighing range, accuracy | 0-440 kg | | | 0-880 kg | |
| Controls | Mettler Toledo weighing terminal ICS439 | | | | |
| Power requirements | 110-240 VAC; 50/60 Hz; single phase; 1.25A; 300W | | | | |