

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				