

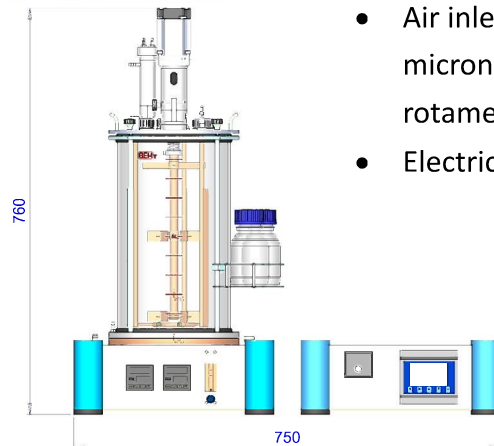
Standard laboratory scale

MDFT Series expert of Bioengineering



Standard Specification

- The Vessel made Pyrex glass, heat resistance and autoclave able
- Upper head plate made of stainless steel SUS 304/316L
- Both of internal and external electropolish grinded No.300 buff
- Agitation system is sealed by mechanical seal or non-sealed magnetic driving system
- Impeller type turbine, fullzone and paddle complete with baffle for enhanced mixing
- Temperature control system in automatic and digital read out
- 4-20 mA for recorder output
- Temperature control by heater and cooling water
- Air inlet to the vessel pass filter size 0.2 micron through air sparger and control by rotameter type needle valve
- Electric 220V AC/50Hz



Model: MDFT	100	200	300	500	750	1000
Vessel Size(L)	1	2	3	5	7.5	10
Vessel Inside Dia.	95	114	134	150	170	190
Vessel Depth	158	200	228	285	332	355
Vessel Quality	Heat Resistance Glass Pyrex / SUS 316L					
Driving System	Mechanical Top Drive					
Driving Speed (rpm)	100 - 1000			100 - 800		
Range of Temperature Control (°C)	5°C Above water supply temperature to 50°C ± 0.5°C					
Aeration Rate (SL/min)	0.2 - 2		0.5 - 5		1 - 10	
Power Source	220 V AC/50Hz or 110V AC/ 50 Hz					