

Online Homogenizer



Introduction:

Online Homogenizer has high mixing efficiency, light weight, modular structure, easy operation and long-term operation. It can make 100% of the material pass through the shear cavity, with high efficiency and homogenization without dead angles. It can easily meet the requirements of laboratory simulation of online working conditions for circulation or online continuous processing. Applicable process: Laboratory online processing, which can circulate materials and complete online dispersion, emulsification, homogenization and mixing.

Features:

- * Brushless high-speed motor, long life design, can run stably for a long time
- * The working head and machine base are made of stainless steel, which is corrosion-resistant
- * Better sealing effect, unique stator and rotor structure, produce super strong shear force, quickly reduce particle size, process materials more finely and disperse more evenly.

Technical Parameters:

Model	BK-OH25	BK-OH25D
Item No.	1004027001	1004028001
Motor Power	1250W	750W
Motor Type	Brushless DC motor	
Speed Range	7500~30000rpm	4000~26000rpm
Adjustment Method	Gear adjustment	Knob speed control
Speed Display	Scale display	Digital display
Stirring Amount(H ₂ O)	1-30L/min	1-20L/min
Maximum Processing Viscosity	10000CP	10000CP
Standard Working Head	25DG	20DG
Standard Working Chamber	Stainless steel unjacketed working chamber	
Contact Material	SUS316L	
Mechanical Seal Material	SiC	
Inlet & Outlet Outer Diameter	12mm(Hose interface)	
Outer Size	460*120*120mm	460*120*120mm
Power Supply	Standard: 220V 50/60Hz, optional: 110V 50/60Hz	Standard: 220V 50/60Hz, optional: 110V 50/60Hz (The power will decrease)
Packing Size	470*330*200mm	
Gross Weight	10kg	

Muffle Furnace



Features:

- * External material: cold-rolled steel with anti-bacterial powder coating and internal material: high density ceramic fiber.
- * Dual ceramic inner chamber and hollow heat insulation ensure that the temperature can go up quickly.
- * Automatic parallel pressure door technology ensures the inner chamber temperature evenness and without leakage under the high temperature.
- * PID micro digital screen controller, fixing temperature, over-temperature alarming and auto-stop.
- * Safety protection measures: thermocouple failure, cut off power automatically when open the door and over temperature protection to avoid accidents occurring.
- * Double-shell hollow thermal insulation, the shell not hot and the furnace interior cool quickly.
- * TP series has 50-segment programmable temperature control, T series only has a single temperature segment.

Technical Parameters:

Model	MX2-10T/TP	MX7-10T/TP	MX16.5-10T/TP	MX30.5-10T/TP
Max. Temp.(°C)	1000			
Capacity(L)	2	8	16	30
Temp. Accuracy(°C)	1			
Temp. Uniformity(°C)	±15			
Rising Time(Empty)	40 minutes			
Material	External material: cold rolled steel carbon steel spraying Internal material: ceramic inner chamber			
Heating Element	Iron-chromium-aluminum			
Function	TP series has 50-segment programmable temperature control, T series only has a single temperature segment.			
Standard Accessory	Two crucibles, one pair of crucible pliers			
Optional Accessory	Power off upon door opening, timing function			
Consumption(KW)	1.5	3.5	6	12
Power Supply	Standard: AC220V, 50/60Hz; optional: AC110V, 50/60Hz			Standard: AC380V, 50Hz
Internal Size(W*D*H)mm	200*120*80	300*200*120	400*250*160	500*300*200
External Size(W*D*H)mm	420*500*545	520*600*670	590*720*730	650*820*760
Package Size(W*D*H)mm	512*590*595	612*690*780	682*820*780	742*920*810
Gross Weight(kg)	75	95	180	240