

High Speed Homogenizer D-500



Advantages of homogenizer

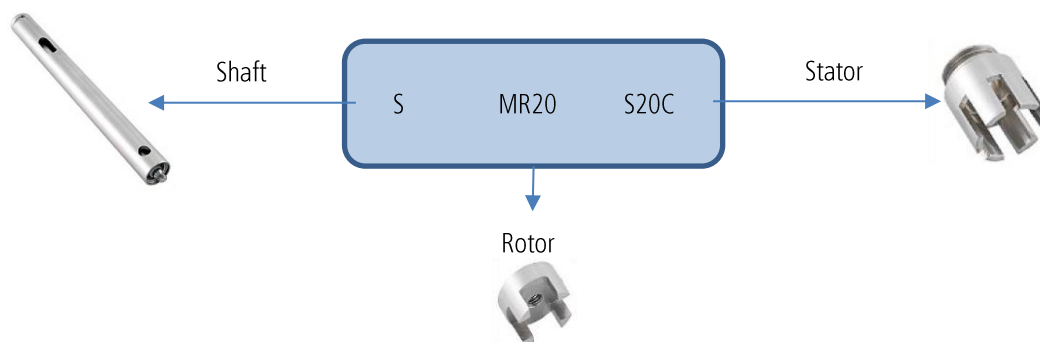
- Continuously adjustable speeds for better results
- Light-weighted and small-dimensioned for better handling
- Triple safety of the drive (overload protection. Smooth start – against jerky work, safety switch)
- High quality dispersing tools as standard for better resistance to corrosion (SS 316 L steel)
- Quick-change system of the dispersing tools for a short-changing time between preparations
- Viscosities up to 10,000 cps
- One shaft size
- High quality lab dispersing unit, at a competitive price!!



Specifications

model	D-500
Speed with Zero-Load (rpm))	10000 ~ 30000
Process Range H ₂ O(mL)	10 ~ 40000
supply voltage (V)	220V 50/60Hz
Input / Output Power (W)	500/320
Weight (kg)	1.3
Contact Material	316L Stainless Steel / PTFE
Dimensions (W x L x H in mm)	70X70X255
Order No.	1710500

Shaft Selection Guide for High Speed Homogenizer



Shaft / Order Table

Rotor Name	Function Description	Process Volume	Linear Velocity	Rotor Diameter	Stator Diameter	Min. / Max.	Ultimate Fineness (in microns)	Disinfection Method	Applications*
Order No.		mL	m/s	mm	mm	Immersio n Depth	suspen sion emulsi on		
SS20CSR20	Solid-Liquid Mixing Material	10-5000	23.5	15	20	40/170	10-50 1-10		P,CI,PC,SD
SS20CCR20	Fiber Material	10-5000	23.5	15	20	40/170	10-50 1-10		SP,M,F,PT,TI
SS20CMR20	Solid-Liquid Mixing Material	10-5000	23.5	15	20	40/170	10-50 1-10		CI,PI
SS20FER20	Latices	10-5000	23.5	15	20	40/170	10-50 1-10		SP,PI,PT,P
SS20FCR20	Fiber Material	10-5000	23.5	15	20	40/170	10-50 1-10		SP,BT,M,F,PT,TI
SS20FMR20	Solid-Liquid Mixing Material	10-5000	23.5	15	20	40/170	10-50 1-10		CI,C,PI,F,PT,PC
SS30CMR20	Stirring Paddle Function	250-20000	36.1	15	30	40/170	High-speed mixer		CI,F,SP
SS30CSR30	Solid-Liquid Mixing Material	100-8000	36.1	23	30	40/170	5-25 1-5		SP,M,F,PT,P
SS30CCR30	Fiber Material	10-8000	36.1	23	30	40/170	5-25 1-5		SP,M,F,PT,P
SS30CMR30	Solid-Liquid Mixing	100-8000	36.1	23	30	40/170	5-25 1-5		CI,PI
SS30FSR30	Solid-Liquid Mixing Material	100-8000	36.1	23	30	40/170	5-25 1-5		SP,PI,PT,P
SS30FER30	Latices	100-8000	36.1	23	30	40/170	5-25 1-5		SP,PI,PT,P
SS30FMR30	Solid-Liquid Mixing Material	100-8000	36.1	23	30	40/170	5-25 1-5	all methods	CI,C,P,F,DT,TI
SS40CMR30	Stirring Paddle	1000-40000	36.1	23	40	40/170	High-speed mixer		CI,F,SP
Shaft 5	Solid-Liquid Mixing Material	0.2-50	6.3	4	5	40/60	10~50 1~10		BT,M
Shaft 10	Solid-Liquid Mixing Material	1-250	6.3	9	10	10/60	10-50 1-10		BT,M
Shaft 14	Solid-Liquid Mixing Material	100-1000ml	6.3	13	14	10/60	10-50 1-10		BT,M

Note: BT = Biology; F = Food Industry; P = Pharmaceutical Industry; C = Cosmetic Industry; M = Medical Analysis; PC = Petrochemical Industry; PT = Paper Production Industry; SP = Wastewater Analysis; CI = Ceramic Industry; CH = Chemical Industry; PI = Paint Industry; TI = Tobacco Industry

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