

EYELA

Compact high-torque DC stirrer DC Stirrer

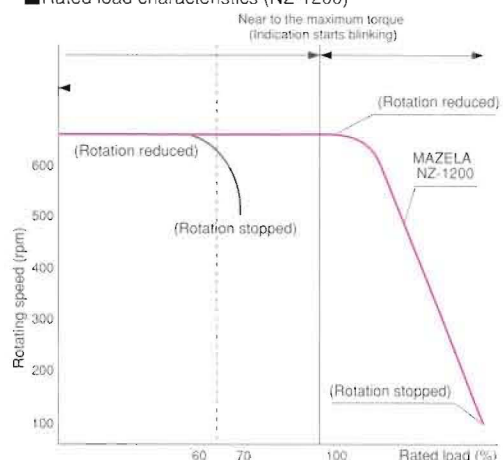
model **NZ-1000S** series

Stable stirring for low or high-viscous solution



- Unique 2 step rotation speed control. Under the load less than maximum torque, the set rotation speed is maintained by feed back control. And under the load over maximum torque, stirring is continued by reducing the rotation speed.

Rated load characteristics (NZ-1200)



- Accurate pulse counter rotation speed display ensures the reproducibility.
- Compactly designed for the use with a reaction vessel.
- Air purge port prevents the invasion of solvent or acid.
- Drill chuck can be fastened either by hand or by chuck handle.

Air purge port

Air can be supplied to stirrer body through the air purge port which avoids the invasion of solvent or acid from outside. Troubles under the poorly ventilated atmosphere can be reduced.



Drill chuck



Drill chuck can be fastened either by hand or by chuck handle. Manual fastening is suitable for glass stirring shafts subject to breakage. Chuck handle fastening is suitable for stirring the high-viscous solution.

Chuck cover (PAT.)



Chuck cover is equipped to prevent the hair from being wound up during rotation.

TOKYO RIKAKIKAI CO., LTD.
TOKYO, JAPAN

■Stirring propeller (SUS304, for axis dia.8mm)

Propeller dia.	No.1	No.2	No.3	No.4
30mm				
40mm				
50mm				
60mm				
70mm	No.5	No.6	No.7	No.8
75mm				
80mm				
85mm				
90mm				
100mm				

※ For No.6 and No.8, the stirring propellers with blade of different angle (reverse) are available.
 ※ Axis dia. 10mm is also available.
 ※ Standard equipped stirring propeller of Stirrer NZ series are marine type with 50mm dia. which is different from No.8. Standard propeller can be attached to the stirring shaft with screw only.

■Stirring shaft for stirring seal (for vacuum stirrer TBO series)

Material	Cat.No.	Spec (propeller dimension,mm)
SUS	121520	OD8×450L without slit
	121560	OD8×495L with slit
	121570	OD8×600L with slit
Glass	121490	OD8×450L
	121500	OD8×600L
	121510	OD8×800L
All-Teflon	T-1 type 121590	OD8×450L (80W×16H)
	T-2 type 121600	OD8×600L (120W×20H)
	T-3 type 121610	OD8×800L (150W×25h)
All-Teflon (Anchor type)	T-1A type 200210	OD8×450L (60W×40H)
	T-2A type 200220	OD8×600L (80W×60H)



■ZC Clamp ZC model
 Cat.No. 124560
 Clamp dia. Max. 22mm

■Stand base ZS mode
 Cat.No. 158710
 OD 450W×314D mm



■One-touch coupling CW-1
 Cat.No. 123480

■Flexible coupling CF-1
 Cat.No. 123490

■Stirring seal (vacuum stirrer) TBO



Effective in synthesis/reaction experiment.

Teflon made stirring seal with common taper joint useful for vacuum stirring, sealed stirring, and slightly pressured stirring in the reaction experiment.

Cat.No.	121090	121100	121110	121120
Joint	Ts24	Ts29	Ts34 [※]	Ts40 [※]

※Ts34 and Ts40 are made-to-order.



■Jacket type reaction vessel

Model	Cat.No.	Capacity
BJ- 5N	201470	500mL
BJ-10N	201480	1000mL
BJ-20N	201490	2000mL
BJ-30N	201500	3000mL
BD- 5N	201510	500mL
BD-10N	201520	1000mL
BD-20N	201530	2000mL
BD-30N	201540	3000mL

※BD type is equipped with drain.

■Separable round-shaped flask

Model	Cat.No.	Capacity
SFR- 5	200450	500mL
SFR-10	200460	1000mL
SFR-20	200470	2000mL

■Flange stopper ST-1000
 Cat.No. 201600

■O-ring
 Cat.No. 201620

■Keck adapter (2 pcs/set)
 Cat.No. 185260

■Reaction vessel support
 RH-1000
 Cat.No. 202670

■Flask cover

Model	Cat.No.	No. of ports	Joint
BC-1N	201550	1	Ts 29/38×1
BC-2N	201560	2	Ts 29/38×1 Ts 15/25×1
BC-3N	201570	3	Ts 29/38×1 Ts 15/25×2
BC-4N	201580	4	Ts 29/38×1 Ts 15/25×3
BC-5N	201590	5	Ts 29/38×1 Ts 15/25×4

Product	DC Stirrer MAZELA			
	NZ-1000S	NZ-1100S	NZ-1200S	NZ-1300S
Model				
Rotating speed (rpm) without load	50~3000	20~1200	10~600	5~300
Max.torque(N·m/rpm) (kgf·cm/rpm)	0.098/3000 1/3000	0.245/1200 2.5/1200	0.49/600 5/600	0.98/300 10/300
Rotation control	Speed feed back control			
Setting/Display	Analog setting, Digital readout			
Safety features	Thermal protector, Current limit circuit, Chuck cover			
Equipped function	Slow speed up/down, Free clamp			
Motor	DC brushless motor 40W			
Rated torque	0.127N·m (1.3kgf·cm)/3000rpm			
Shaft diameter	1~8mm		1~10mm	
Ambient temperature for operation	5~35°C			
Overall dimension (mm)	92(104)W×130.5(143)D×189(200)H (355D when free clamp attached)			
Net weight	2.5kg			
Input/Rated power source	200VA, AC100V/115V/220V, 50/60Hz			

※Dimensions in the parentheses include the protruded part of the objects.

※Standard accessories:clamp×1pc.,Chuck handle×1pc.,fuse 2A×1pc.,stirring shaft×1pc.,stirring propeller×1pc.

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Safety precaution

For your safety, please read the instruction manual carefully before operating the product.

※The appearance and the specification of the products are subject to change without notice for improvement.

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