

# HOMOGENIZER STR51-30



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Homogenizers are used for fast organization homogeneous, separation and emulsification of samples. It is well-suited for a wide range of processing applications. For Bio- pharmaceutical and research field along with safety measures, this product becomes unique choice for the buyers to purchase according to their needs.

Used in Drug Development, Food & Beverage Processing, Pharmaceutical, Laboratory, Scientific, Emulsions, Research. Also known as Laboratory Homogenizer, Rotor Stator Homogenizer, Laboratory Rotor Stator Homogenizer.

## STR51-30 HOMOGENIZER

Ideal for manual operation due to its light weight and ergonomic design.

Processing range: 0.1-50mL or 1-250mL.

316L stainless steel shafts are fully autoclavable and inert for highly corrosive solutions.

All shafts are interchangeable for easy dismantling and cleaning.

6 modes of motor speed from 8,000 to 30,000 rpm.



## SPECIFICATIONS

Model	STR51-30
Max. Circum. Speed	6.3-14 m/sec
Working Volume [ H <sub>2</sub> O ]	0.1-50 ml (Dispersing shaft DS-160/5) 1-250 ml (Dispersing shaft DS-160/10)
Operating Environment	0-40 °C, 85 % rel. humidity
Noise	72 dB(A)
Speed Control Dial knob	6 stage
Material of Dispersing Shaft	SS 316L stainless steel, PTFE
Viscosity max.	5,000 mPas
160 W AC carbon brush motor	Stirring Positions
8000-30000 rpm	Temperature
Protection Class	IP20
Overall Dimension	46Lx 55Wx 230H mm
Weight	0.6 kg
Power Supply	110-120 V/60 Hz or 220-240 V / 50-60 Hz

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS54361	Dispersing Shaft	Dispersing shaft 5mm, for solid/liquid media and volumes from 0.1-50ml
LS54373	Dispersing Shaft	Dispersing shaft 10mm, for solid/liquid media and volumes from 1- 250ml





**Biozef**

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA  
Email: [info@biozef.com](mailto:info@biozef.com) | Website: [biozef.com](http://biozef.com)