LABSTAC

HOMOGENIZER

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HOMOGENIZER

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 2 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
3300505005	Dispersing Shaft	Dispersing shaft 5mm; for solid/liquid media and volumes from 0.1-50ml
3300505006	Dispersing Shaft	Dispersing shaft 10mm; for solid/liquid media and volumes from 1- 250ml

STR53-35 HOMOGENIZER

Designed smart and light. Can operate in one hand

Speed adjustable, digital display speed. Speed precisely controlled to avoid splashing

Suitable for homogeneous dispersion of a small amount of sample in small container

High quality stainless steel dispersing head, anti-corrosion, high temperature resistance

for disinfecting

Easy to take off the dispersing head for cleaning

High speed and high efficiency motor, long life

Optional H-type stand, height and angle can be adjusted, convenient to take and store

SPECIFICATIONS

Model	STR53-35
Speed Range	8Krpm~35Krpm
Rotor line Speed	6.3m/sec~14m/sec
Working Noise	72dB
Dimension	46x55x230 mm
Net Weight	0.8 Kg
Power input/output	160/110W
Voltage	AC 220,50Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Handling Capacity	Gap between Outer and Inner Head	Length of the Head
3300809005	Despersing head and stand	0.5-50ml	0.1 mm	150 mm
3300809006	Despersing head and stand	1-100ml	0.3 mm	167 mm
3300809007	Despersing head and stand	1-250ml	0.3 mm	180 mm
3300809008	Despersing head and stand H-type stand; used to hold the homogenizer; height and angle are adjustable			

STR54-18000 HOMOGENIZER

Light and easy to operate

Use micro DC motor for grinding trace tissue, grinding microstructure, short time and quick effect

Grinding pestle is light and reusable, suitable for various sterile ways,convenient to be dismantled

SPECIFICATIONS

Model	STR54-18000
Speed Range	18000rpm Fixed Speed
Working Noise	55dB
Battery non loaded Working time	2 hours (Idle)
Battery Charging Time	> 2 Hours
Battery	AA battery x2
Dimension	143x25x143 mm
Weight	0.18 Kg
Voltage	2.4V

OPTIONAL ACCESSORIES

Accessory Code	Name	Handling Capacity
3300810005	Plastic Pestle	plastic pestle (10pcs)
3300810006	Stainless Steel Pestle	Stainless Steel Pestle

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