

STIRRERS

LIGHT AND MEDIUM DUTY STIRRER

Different models of stirrers are available with continuous duty AC/DC motor, provided with S.S. stirring shaft and propellers, direct driven with built in electronic, and separate auto variac speed regulators. Models available with self centering chuck to couple different types of stirring shafts, available with continuous duty motors of three different capacity.

Light duty stirrer with 1/20 HP Cont: duty universal motor. Maximum RPM 5000

Cat No.	Motor HP AC/DC	Coupling	Speed Regulator	Capacity Ltr.
PSD - D 1	1/20	Bush	Mounted Electronic Speed regulator	6 to 8
PSD - D 2	1/20	Bush	Separate speed Regulator Electronic)	6 to 8
PSD - D 3	1/20	Bush	Auto Variac (Separate)	6 to 8
PSD - D 4	1/20	Self centering Chuck	Separate speed Regulator (Electronic)	6 to 8
PSD - D 5	1/20	Self centering Chuck	AutoVariac (Separate)	6 to 8



MEDIUM DUTY STIRRERS (MULTI PURPOSE) MAXIMUM RPM 5000

Cat No.	Motor HP AC/DC	Coupling	Speed Regulator	Capacity Ltr.
PSD - D 7	1/12	Chuck Self centering	Separate Speed regulator (Electronic)	10-15
PSD - D 8	1/12	Chuck (Self centering)	Auto Variac (Separate)	10-15
PSD - D 9	1/8	Chuck (Self centering)	Separate speed regulator(Electronic)	15-20
PSD - D 10	1/8	Chuck (Self centering)	Auto Variac (Separate)	15-20

DC MOTOR STIRRER

Equipped with PMDC motor, available in different capacity, maximum RPM 1000, Suitable to work on 24 V DC power supply unit is supplied with the unit.

Cat. No.	Tourque	RPM	Coupling	Speed Regulator
PSD - D15	2 kg	1000	Bush	Electronic speed regulator
PSD - D16	4 kg	1000	Bush	Electronic speed regulator

Digital RPM / Timer Indicator can be fitted on extra cost

GEARED STIRRER WITH PMDC MOTOR

Stirrer with planetary gear, driven by PMDC Motor, available with 400 RPM suitable to work on 24 V DC power supply. Power supply unit is supplied with the unit.

Cat. No.	Torque	RPM	Coupling	Speed Regulator
PSD - G3	4 kg	400/600	Bush	Electronic speed regulator
PSD - G4	8 kg	400/600	Bush	Electronic speed regulator

HOMOGENISOR

LOW SPEED HOMOGENISOR

Designed for low speed homogenizing of tissues or similar products Equipped with TEFC 1/10 HP AC motor, provided with 15/25 ml homogenizing glass cup and Teflon pestle. RPM 1440, non variable, suitable to work on 220 V AC supply

Cat No:	Motor HP	Coupling	Speed
PH - 1	1/10 HP AC. Cont: duty	Bush	Low speed (Single speed) RPM - 1440



HIGH SPEED HOMOGENISOR

This is very useful homogenization of tissues at high speed. The self concentrating chuck holds stainless steel shaft with Teflon grinding pestle equipped with 1/12 HP AC /DC universal motor, provided with 15/25 ml. homogenizing glass cup, maximum RPM 6000 speed controlled by Auto variac (Dimmer stat) regulator.

Cat. No.	Motor HP	Coupling	Speed
PH - 2	1/12 HP AC/DC Universal motor	Chuck	Separate Auto Variac speed regulator up to 5000 RPM

Provided with 15 / 25 ml homogenizing glass cup and Teflon pestle

MAGNETIC STIRRERS

Magnetic stirrers are smooth running apparatus utilizing the rotating magnetic field from a balanced Alnico permanent magnet to induce variable stirring action in closed or open non magnetic container. The stirring is accomplished by different sizes of Teflon coated magnetic paddles which are non reactive in nature. The body of the magnetic container. The stirring is accomplished by different sizes of Teflon coated magnetic paddles which are non reactive in nature. The body of the magnetic stirrer is fabricated with thick M.S. sheet, duly powder coated. Driven by AC shaded pole motor, available with or without hotplate. Fabricated with thick M.S. Sheet, duly powder coated. Driven by AC shaded pole motor, used with good quality Alnico permanent magnet for rotator and one teflon coated magnetic paddle, supplied with or without hotplate.

Cat No.	Specifications	Capacity
PMS - M	Mini magnetic stirrer	500 ml.
PMS - 1	Magnetic stirrer with electronic speed regulator	1 ltr.
PMS - 1 H	Magnetic stirrer with electronic speed regulator and Hot plate with Energy regulator, temp: upto 100 ^o C	1 ltr.
PMS - 2	Magnetic stirrer with electronic Speed regulator	2 ltr.
PMS - 2 H	Magnetic stirrer with electronic speed regulator and Hot plate with Energy regulator upto 100 ^o C	2 ltr.
PMS - 5	Magnetic stirrer with electronic speed regulator	5 ltr.
PMS - 5 H	Magnetic stirrer with electronic speed regulator and Hot plate with Energy regulator, temp: upto 100 ^o C	5 ltr.

