

LABORATORY STIRRER
with only one FAST SHAFT

AG 66 U



MAIN CHARACTERISTICS – DIRECTION FOR USE

ACCESSORIES: on request

LABORATORY STIRRER TYPE AG. 66U with FAST SHAFT

This device is composed basically of a motor and a continuous mechanical speed variator which, placed in the same housing of die-cast aluminium alloy, form a single and compact block. By means of a pressure screw and two shock absorbers, this layout allows perfect self-balancing of the mating of the motor and the variator, thus ensuring high performance and long life of the stirrer.

The laboratory stirrer AG. 66U type comes from the AG 66 model. It has been tested for many years and now it is even more powerful: 30 watt rating.

The transmitted power is constant: whatever is the chose speed, it remains constant.

MAIN CHARACTERISTICS

- **MOTOR**
 - single phase with condenser
 - input power 70 Watt
 - output power 30 Watt
 - shaft mounted on ball bearings
 - efficient self ventilation
 - silent operation
 - overheating protection 130° C
 - simple and robust construction
 - requires no particular maintenance
- **CONTINUOUS MECHANICAL SPEED VARIATOR**
 - built according to the cone and roll clutch principle
 - this system allows one to obtain from 280 to 2200 r.p.m. speed regulation with a knurled knob, indexed scale with speed control indicator
 - exit shafts with through hole, allow easy height regulation of the stirring rods
- **HOLE** for support rod: allows the stirrer to be placed in the desired position.
- **SWITCH** bipolar and light
- **OUTPUT CABLE** 2 m. long and earthed plug; supply voltage 220 V 50 Hz (115 V 60 Hz on demand).
- **CHUCK** self centering and chrome plated, with 3 jaws, complete with key; grip capacity: 0 - 8 mm.
- **WEIGHT** Kg. 3,100 including support rod and chuck.

UTILIZATION

- It is suitable for fluid substances or liquids with light viscosity (capacity till 25 litres).

Pursuant to instructions 73/23 CEE - 93/68 CEE e 89/336 CEE

ASSEMBLING

1. Fix the chuck on the primary shaft.
2. Put the supporting shaft, flexed from its shortest side, pushing it in to the end, in the provided hole on the back side of the stirrer.
Turn the sidelong locking screw with the provided hexagonal 2,5 Allen wrench.
3. Introduce the agitation bar in the chuck and block it with the proper Allen wrench.
4. Fix the stirrer, by a double clamp, on the shaft of a support. The agitation bar can be fixed without any difficulty at the right height without moving the stirrer, because the chuck and the rotary shafts are of passing hole kind.

INSTRUCTIONS FOR USE

IMPORTANT

1. The speed regulation must be done when the stirrer is working.
2. The output cable is with a plug type Schuko 16 A+T for a/c 220V 50 Hz.
Ensure of an operative earth of the a/c plug.

ACCESSORIES: on request**662.05 SPECIAL CLAMP**

Anticorodal alloy painted
Safe and fast clamping of the stirrer and the rotary evaporators bar (diam. mm. 12)
on the rod stand (diam. mm 16)

661.06 STAND

Big stand, H shaped, cm 45x40
Cast iron painted, weight Kg. 12,00
No tip up, no slipper, level screw
Rod inox AISI 304, diam. mm 16 height mm 600
2 positions for rod inox

AGITATION BARS inox AISI 304

- 666** diam. mm 8 x 500, blade mm 60 x 15
- 667** diam. mm 8 x 500, 6 blades screw diam. mm 50
- 667 S** diam. mm 8 x 500 with blades screw on request

