

## Working with Speed Control

The drive and control are in the same housing. Before using the unit, run a test without the dispersing shaft by switching the ON button on the side of the drive. The speed is selected by the control knob on the top of the drive. Approximate rpm of the drive is:

1= 8,000 rpm 2= 12,000 rpm 3= 15,000 rpm  
4= 18,000 rpm 5= 22,000 rpm 6= 30,000 rpm

**For an emergency stop, press the large button on the drive.**

## Maintenance of Motor

The motor does not need any maintenance and there are no parts inside which can be repaired by the user. The only parts which are excluded from this are the carbon brushes. Please contact or your authorized supplier for replacement and use original spare parts only. The carbon brushes can be replaced after disconnecting the power supply!

## Stand

The Homogenizer is designed as a hand held one. However it can also be delivered with a small stand for more comfortable usage and storage of the unit.

## Assembly of stand

This H stand consisting of a base, a rod and a holding clamp for the Homogenizer. Screw the rods to the aluminum bottom piece to fix the “H” on the bottom. Screw the two shorter pieces at the back (50mm) and the longer pieces at the front of the base to get the “H”. The attach the rod onto the middle piece. The rod consists of two different parts which need to be connected to safe space during shipment. The fix the aluminum clamp onto the desired height and insert the motor. Tighten the screw lightly.

## Specifications and Technical Data

Voltage	230V 50/60Hz, 110V 50/60Hz
Power input/output	160/110 Watt
Rotor speed	between 6.3 to 14 m/sec
Weight	0.6 kg
Sound Pressure Level	72 dB(A)
Speed Setting	Infinitely
Variable Permissible Ambient Temperature	5°C- 40°C
Relative Humidity	85%
Permissible Period of Operation	100%
Protection	IP 30
Dimensions WxDXH (drive)	46mm x 55mm x 230mm