

8. WARRANTY STATEMENT

This product is warranted to be free from defects in material and workmanship for a period of two (2) years from date of purchase. Your product will be duly repaired upon prompt notification in compliance with the following conditions :

The warranty is invalidated by any non-factory modification, which will immediately terminate all liabilities on us for the products or damages caused by its use. The customer shall be responsible for the product or use of products as well as any supervision required for safety. If requested the products must be returned to the distributor in well packed and insured manner and all shipping charges must be paid.

NOTE: Some states do not allow limitation on the length of implied warranties or the exclusion or limitation of incidental or consequential damages. This warranty gives you specific legal rights. This warranty is given expressly in lieu of all other warranties, expressed or implied.

The purchaser agrees that there is no warranty of merchant-ability or of fitness for any intended purpose and there are no other remedies or warranties, implied, which extend beyond the description on the face of the agreement. This warranty is only applicable to the original purchaser.

Product received without proper authorization will not be processed for warranty or service. All items returned for service should be sent with postage prepaid in the original packaging or other suitable packaging, padded to avoid damage. We will not be responsible for damage incurred by improper packaging.

NOTE: This warranty is valid only if the warranty is registered with the supplier within 30 days from the date of purchase.

For your reference, make a note of serial number, date of purchase and supplier here.	
Serial No.:	Purchase Date:
Supplier:	

9. PRODUCT DISPOSAL

In case the product is to be disposed of, the relevant legal regulations are to be observed.

Information on the disposal of electrical and electronic devices in the European Community.

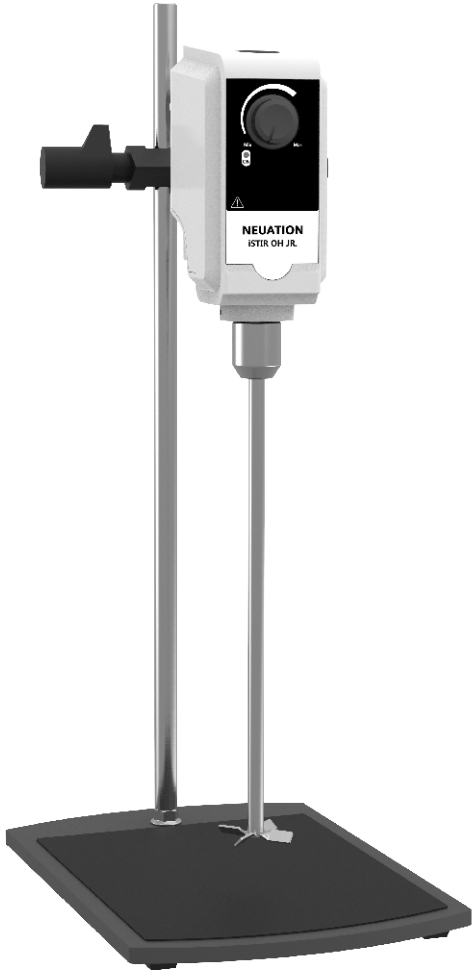
The disposal of electrical devices is regulated within the European Community by national regulations based on EU

Directive 2012/19/EU on waste electrical and electronic equipment (WEEE). According to these regulations, any devices supplied after 13.06.05 in the business to business sphere, to which this product is assigned, may no longer be disposed off in municipal or domestic waste. They are marked with the following symbol to indicate this.



As disposal regulations within the EU may vary from country to country, please contact your supplier if necessary.

NEUATION
TECHNOLOGIES



iSTIR OH JR.
PRODUCT USER MANUAL

Neuation Technologies Pvt. Ltd.

Plot No. 15, GIDC Electronic Park SEZ Kolavada Road, Gandhinagar – 382026, Gujarat, India

Website: www.neuation.com

0352-00-0000-02-003-R0

1. PRODUCT DESCRIPTION

This manual provides important safety information for the Overhead Stirrer. It should be kept near the equipment for quick & easy reference. This instrument helps in mixing liquids up to 10L (H₂O) volume.

2. INTENDED USE

This overhead stirrer is ideal for mixing, stirring, titrations, preparing solution for respective usage etc.

3. STANDARD ACCESSORIES

Power Adaptor: 230/115/100, 50/60Hz (Input), 24V 1.5A (Output).

Product user manual & Warranty card.

NOTE: Before using the instrument, please read this user manual carefully. This user manual is intended to assist with the operation and care of the unit only and not its repair. For repair please contact the supplier.

4. FEATURES

- Powerful DC motor delivers constant speed under varying load conditions.
- Variable speed setting from 50 to 2200 RPM with infinite mode of run time.
- Small footprint saving valuable bench space.

5. SPECIFICATIONS

Stirring quantity (H2O)	10 L
Max. viscosity (mPas)	1,000
Max. torque at chuck (100 rpm)	10 Ncm
Speed range (RPM)	50 - 2200
Protection class	IP 42
Protection	Overload
DC Voltage	24 V
Power Consumption	36 W
Product Dimensions (W x D x H)	80 x 165 x 210 mm
Rod dimension (W x D x H)	80 x 299 x 210 mm
Net weight	Approx. 1.4 kg

6. MAINTENANCE & SAFETY PRECAUTION

Read the following safety instruction before using this overhead stirrer for your safety & the safety of the equipment.

- The users must make ensure that the OFF switch of the device can be accessed immediately, directly and without

risk at any time all the time.

- Ensure stable assembly. The vessel used for stirring must be secured.
- Remove the chuck key from the chuck before turning the device on.
- Imbalance of the output shaft, the chuck and in particular the stirring tools can lead to uncontrolled resonant vibrational behaviour of the device and the whole assembly. Thus make ensure all the components are fasten properly.
- Never operate the device with the stirrer tools rotating freely. Ensure that parts of the body, hair, jewellery or items of clothing cannot be trapped by the rotating parts.
- The safety of the user cannot be guaranteed if the device:
 - ☞ operated with accessories that are not supplied or recommended by the manufacturer.
 - ☞ operated improperly or contrary to the manufacture's specifications.
 - ☞ If the printed circuit board are modified by third parties.
- Do not place any solid particles during motion of the impeller. Use sufficient large container, beaker or flask to avoid spillage.
- Place the device on a flat, stable, clean, non-slippery and fire-proof surface.
- The base plate must be clean and intact.
- Do not try to mix liquid more then recommended volume of liquid (H₂O at room temperature).
- Wear protective equipment in accordance with the hazardous category of the media to be processed. Otherwise, there is a risk from:
 - ☞ Splashing and evaporation of liquids.
 - ☞ Ejection of parts.
 - ☞ Release of toxic or combustible gases.
- Do not lift or hold the device from the power cable.
- Do not use a damaged beaker, flask, chuck/collet or any other component for operation. It may affect the efficiency of the device.
- Reduce the speed:
 - ☞ If the medium splashes out of the vessel
 - ☞ If the appliance is not running smoothly.
 - ☞ If the container moves on the base plate.

- Wear protective gloves while cleaning the device.
- Do not touch the impeller, rotating shaft, stirring liquid.
- Abrasion of the dispersion equipment or the rotating accessories can get into the medium you are working on.
- Care should be taken based on the sample used for mixing.
- Always clean the impeller after every use for better operation.
- The equipment will not restart, in case of power interruption and in the case of any fault or mechanical interruption.

7. INSTALLATION

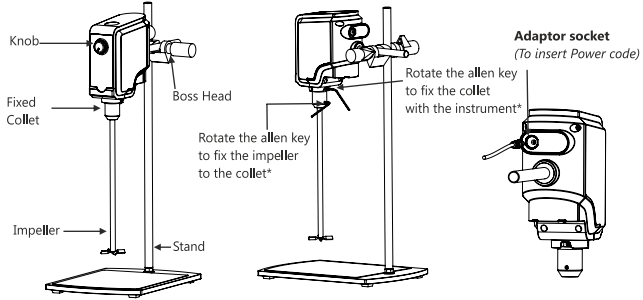
MOUNTING

Open the box, unpack the machine, power adapter, impeller, stand & boss head. Assemble each component as shown below. Place the plate stand on the firm & leveled surface.

- Avoid installing on the slippery surface or surface prone to vibrations. The User manual should be kept near the device.
- Check the stirrer is held in position firmly prior to each use and also at regular intervals.
- The position of the stirrer must only be adjusted when the equipment is stationary and the power supply is disconnected.

OPERATION

To START the operation, switch on the main power supply & turn the knob towards right until "a click" sound heard which means the stirrer is ready to set speed. Speed gradually can be increased from 50 RPM to 2200 RPM by turning the knob from left to right & to decrease the speed turn the knob from right to left. This equipment runs on continuous mode (for infinite time).



* Check & Tight the components using allen key prior every usage