



# KFU

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# INSTRUMENT STANDARD OPERATING PROCEDURE MANUAL

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College of Medicine



SAFETY AND LABORATORY COOMMITTEE, C.O.M, K.F.U.

**Prepared by**

<b>Document Number</b>	<b>Name</b>	<b>Signature</b>	<b>Date</b>
CM/HEM-035	Vortex		
<b>Revision Number</b>	<b>Approved by</b>		
R0	Dean:		
Write the revision number	Department:		

**Document History**

Document Section	Details of Amendments	Date	Modified by (Initials)
SOP	First Draft on SOP for the operation of ( Vortex whirl mixer monomixer 2500U/min)		

**1. OBJECTIVE**

- ☐ The document describes the operation of (**Vortex whirl mixer monomixer 2500U/min**)

## **2. SCOPE**

The device performs the process of mixing the liquid components until they reach a level of homogeneity through which they can accelerate their interaction with each other.

## **3. RESPONSIBILITIES**

- ☐ It is the responsibility of designated personnel in the lab to train staff and students on this procedure and to ensure adherence to this procedure under supervision.
- ☐ It is the responsibility of designated personnel (staff or Student) to follow the instructions of this procedure under supervision.

## **4. REFERENCES**

- ☐ There is no operating manual.

## **5. DEFINITIONS**

- ☐ Mention the full form of any abbreviations used.
- ☐ Mention the standard definition of any term used.

## **6. SAFETY PRECAUTIONS**

- ☐ Mention the safety precautions to be taken while carrying out any work.

## **7. PROCEDURE FOR OPERATING (Vortex whirl mixer monomixer 2500U/min)**

### **7.1. Turning on the instrument:**

- ☐ Xx
- ☐ Xx

### **7.2. Software Operation.**

### **7.3. Steps of the Procedure :**

- ☐ Connect the device to the appropriate power source.

- ☐ Press the main operation button
- ☐ Above the main button, there is a button to choose the mixing process, and there are two methods:

A- Fixed operation, where by choosing it the mixer starts and remains in continuous operation until the device is switched off.

B- Touch operation, which starts mixing by touching the tube in which the liquid substance is placed in the designated place .

#### 7.4. Turning off the Instrument

- ☐ Xx
- ☐ Xx
- ☐

#### 7.5. Warning

**Write any the warning in BOLD and RED FONT.**

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