

	BIO-PM 4.35 Operation of Vortexer	
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	Document Manager: Kristin Schelling	Approved By: Jeffrey Nye

4.35 Operation Of Vortexer

4.35.1 Scope

Agitation of the DNA matrix is necessary to achieve a homogeneous mixture for analysis. Also used for the agitation of bloodstain extracts with chloroform in the Haptoglobin procedure (BI-108).

4.35.2 Background Information

Operating Instruction Manual.

4.35.3 Operation

4.35.3.1

Turn switch to "TOUCH" position for intermittent use.
Turn switch to "ON" for continuous operation.

4.35.3.2 The unit comes with the 3" head installed.

To install the other heads:

4.35.3.2.1

Turn power off.

4.35.3.2.2

Remove head by pulling straight up.

4.35.3.2.3

Place alternate head on the post and rotate until the head aligns.

4.35.3.2.4

Press down firmly until it snaps into place.
Other heads commonly used are 96-well plate head and 60 micro-tube head.

4.35.3.3

Turn speed control to "START" or position #3. To obtain the desired mix, set the speed to the proper amount and angle the tube(s) with pressure applied in contact with the head. The higher the number or setting the more violent the vibration.

4.35.3.4

In the "ON" position the head will begin to vibrate at the #3 setting.

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4.35.3.5

In the "TOUCH" position you will need to apply pressure before the head vibrates.

4.35.3.6

It is not necessary to return the switch to the off position.

4.35.3.7

CAUTION: Do not lift vortexer by its head.