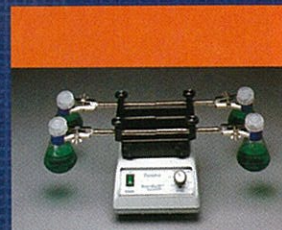


VORTEX MIXERS

Selection Guide



VORTEX MIXERS

	Type	Mixing Surface	Mixing Speed (rpm)	P
<i>Our Best Value Vortex Mixer!</i>	Maxi Mix I	Foam pad	3200	
	Maxi Mix Plus	Foam pad and single cup	3000	
<i>The Preferred Variable Speed Vortex Mixer!</i>	Maxi Mix II	Foam pad and single cup	100 - 3000	
<i>Versatile Vortex Mixer!</i>	Maxi Mix III	Various Attachments	100 - 2200	



RELATED PRODUCTS

See Rockers/Rotators, page 282

See MiVac, page 46

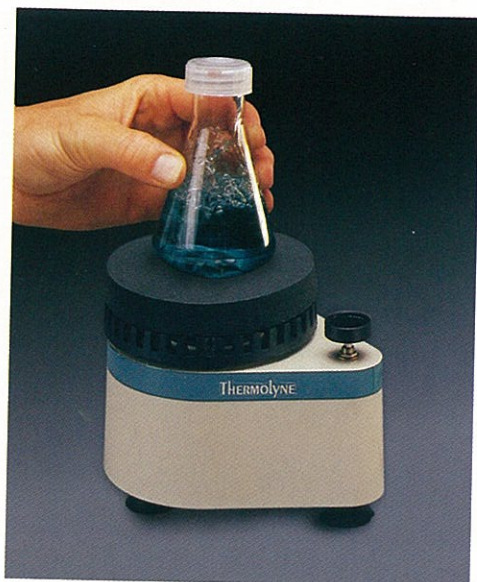
See Shakers, page 262

See Hybridization Incubators, page 184

See CO₂ Incubators, page 179

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Maxi Mix I M16700



Low Profile Vortex Mixer

- Excellent for mixing single tubes, multiple tubes and small flasks
- Continuous operation or touch-on mode
- Ensures fast, uniform mixing
- Compact design

Product Description

- The soft foam rubber pad permits vortex mixing of 1 - 4 test tubes simultaneously, depending on tube diameter. Excellent for mixing the contents of small flasks with closed tops.
- Convenient top-mounted push button on/off switch can be activated with either a finger or test tube.
- Vary vortex mixing by simply changing the pressure of the tube or flask against the foam pad.
- Clean, white durable plastic case is both acid and alkaline resistant.
- Special rubber feet prevent mixer from moving during operation.
- Supplied complete with one extra foam top (PT167X2), power cord, and plug.

Applications

- Enzymatic and RIA assays
- Biochemical assays
- Mixing tissue samples
- Precipitated Assays
- General test tube mixing
- Vortexing cell suspensions
- Viral dilutions preparations



Foam mixing pad



Rubber feet help prevent movement during operation.

PRODUCT SPECIFICATIONS

Type	Description	Mixing Surface Dimensions Inches (cm)	W	Overall Dimensions Inches (cm)		Shipping Weight Lb. (kg)
				H	D	
M16700	Maxi Mix I	4.0 (10.1) - Foam pad	5.5(13.9)	4.2 (10.6)	5.5 (13.9)	3.5 (1.5)

ORDERING INFORMATION

Model #	Description	Mixing Surface	Operating Speed (rpm)	Volts	Electrical Amps	Hertz
M16715 ^{2,3}	Maxi Mix I	Foam Pad	3000	120	0.5	50/60
M16710-33 ^{1,2,3}	Maxi Mix I	Foam Pad	3000	230	0.3	50/60

¹CE, ²CSA, ³UL

Barnstead|Lab-Line Vortex Mixers

Vortex Maxi Mix[®] Plus



Our Best Fixed Speed Vortex Mixer

- Excellent for mixing single tubes, multiple tubes and small flasks
- Continuous operation or touch-on mode
- Ensures fast, uniform mixing
- Compact design

Product Description

- Designed with a heavy cast aluminum body to provide optimum bench-top stability.
- The mixer has two modes of operation: Continuous operation when you need to mix a quantity of tubes in sequence; intermittent operation is activated by touching the cup attachment with a test tube.
- Equipped with a single tube mixing cup for single tube mixing and a soft foam pad and mixing platform for mixing 1 - 4 test tubes simultaneously.

Applications

- Enzymatic and RIA assays
- Biochemical assays
- Mixing tissue samples
- Precipitated Assays
- General test tube mixing
- Vortexing cell suspensions
- Viral dilutions preparations

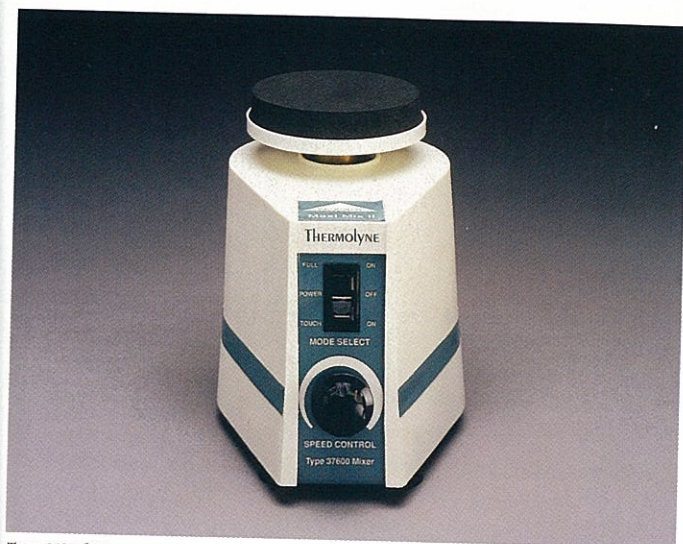
PRODUCT SPECIFICATIONS

Type	Description	Mixing Surface Dimensions Inches (cm)	Overall Dimensions Inches (cm)			Shipping Weight Lb. (kg)
			W	H	D	
M63200	Maxi Mix Plus	1.0 (2.5) - Cup 4.25 (10.8) - Foam pad	8.0 (20.3)	6.3 (15.8)	5.0 (12.7)	8.0 (3.6)

ORDERING INFORMATION

Model #	Description	Mixing Surface	Operating Speed (rpm)	Volts	Electrical Amps	Hertz
M63215 ²	Maxi Mix Plus	Cup and Foam Pad	3200	120	0.48	50/60
M63210-33 ^{1,2}	Maxi Mix Plus	Cup and Foam Pad	3200	240	0.22	50/60

¹ CE, ² CSA



Type M37600



Single Cup Tube Holder



3.5" Diameter Foam Pad

Variable Speed Vortex Mixer!

- 100 to 3000 rpm for gentle to vigorous mixing
- Continuous operation or touch-on mode
- Interchangeable single tube cup or foam pad



Operation

- Variable speed control allows adjustment of mixing action from 100 to 3000 rpm.
- Can be operated in continuous mode when mixing a quantity of tubes or flasks in sequence; intermittent mode is activated by touching the foam rubber pad or cup attachment with test tube.

Applications

- Mixing media in test tubes
- Mixing cytogenetic suspensions in centrifuge tubes
- Enzymatic and RIA assays
- Vortexing cell suspensions
- Vortexing drug extractions
- Atomic absorption sample preparation
- Nelson's assay for reducing sugars

Product Description

- Soft foam rubber pad permits vortex mixing of 1-4 test tubes simultaneously. Excellent for mixing contents of small flasks with closed tops.
- Heavy duty cast metal base and suction cup feet provide greater stability to assure no movement or "walking" during mixing.
- Maxi Mix II comes complete with two mixing surfaces: a single-cup tube holder for mixing single tubes, and 3.5" (8.9 cm) diameter foam pad for mixing flasks or multiple tubes simultaneously.

PRODUCT SPECIFICATIONS

Type	Mixing Surface Dimensions Inches (cm)	Overall Dimensions Inches (cm)			Shipping Weight Lb. (kg)
		W	H	D	
M37600	3.5 (8.8) - Foam pad 1.0 (2.5) - Cup	4.5 (11.4)	6.0 (15.2)	7.0 (17.7)	8.0 (3.6)

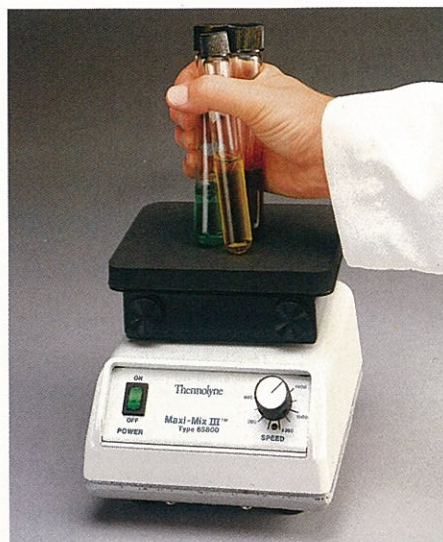
ORDERING INFORMATION

Model #	Electrical (50/60Hz)			Hz	Operating Speed (rpm)
	Volts	Amps	Watts		
M37615 ¹	120	0.75	50	50/60	100-3000
M37610-33 ²	230	0.30	50	50	100-3000

¹ CSA marked

² CE marked

Vortex Maxi Mix® III



Versatile Vortex Mixer!

- Four interchangeable accessories
- Variable speed control - 100-2200 rpm for gentle or vigorous mixing.
- Continuous, trouble-free shaking of loads up to 5 lb. (2.2 kg)

Product Description

- The Maxi Mix III combines the strength of a heavy cast aluminum base with proven counterbalance system. Spring dampened feet eliminate creeping/walking of unit during large volume mixing.
- Supplied complete with one soft foam top (PT500X6A), a three-wire cord, and plug.

Operation

- Four mixing and shaking accessories perform the function of four separate apparatus, saving valuable bench space in crowded labs and clinics. Choose from foam pad, universal holder, utility tray or flask holder.
- Precise matching of an electronic speed control to a high torque DC type motor provides versatile speed selection ranging from 100 to 2200 rpm.
- Lighted main power switch indicates mixer is operating.

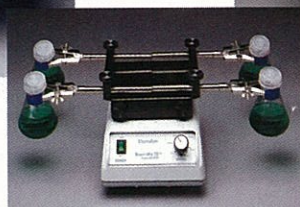


PT500X7A (Utility Tray)

Type M65800
shown
with PT500X6A
(Foam Pad)



PT500X9A
(Universal Holder)



PT500X8A (Flask Holder)

PRODUCT SPECIFICATIONS

Type	Foam Top Mixing Surface Dimensions Inches (cm)		W	Overall Dimensions Inches (cm)		Shipping Weight Lb. (kg)
	D	W		H	D	
M65800	5.5 (13.9)	6.3 (15.8)	6.5 (16.5)	5.1 (13.0)	8.5 (21.5)	17.0 (7.7)

Orbital Diameter .156" (4 mm)

ORDERING INFORMATION

Model #	Volts	Electrical Amps	Hz	Operating Speed (rpm)
M65825 ¹	120	0.4	50/60	100-2200

Model #	Volts	Electrical Amps	Hz	Operating Speed (rpm)
M65820-33 ²	230	0.2	50/60	100-2200

¹ CSA marked

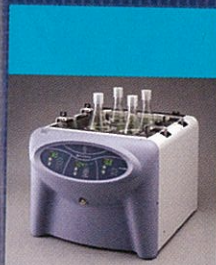
² CE marked

ACCESSORIES

Model #	Description	Mixing Surface Dimensions Inches (cm)	
		W	D
PT500X6A	Replacement soft foam rubber top	5.5 (13.9)	6.3 (15.8)
PT500X7A	Utility tray	15.8 (40.1)	7.8 (19.8)

Model #	Description	Mixing Surface Dimensions Inches (cm)	
		W	D
PT500X8A	Flask holder for four 250 ml flasks	—	—
PT500X9A	Universal holder holds a variety of flasks, beakers, bottles and test tube racks. Two soft rubber bars hold vessels in place.	12 (30.5)	5.5 (13.9)

WATER BATHS



Selection Guide

GENERAL PURPOSE

	Product Description	Chamber Capacity Liters	Operating Temp Range °C	Temperature Control @37°	Temperature Uniformity	Page
Wide Selection, Great Value!	General Purpose Analog and Digital Aquabath™	2 to 44	Ambient to 100°C	±0.1°C	Analog ±0.2°C @37°C Digital ±0.24°C	346

ORBITAL SHAKING WATER BATHS

MaxQ 7000 Easy Front Access Drain System!	Analog and Digital Shakers	28	Ambient +5° to 65°C (90°C with optional cover)	±0.2°C	±0.1°C	349
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RECIPROCAL SHAKING WATER BATHS

Use as Shaking Water or Constant Temperature Bath!	Microprocessor Temperature Control	20	Ambient +5° to 65°C (98°C with optional cover)	±0.1°C	±0.1°C	351
Precise Temperature, Speed and Time Control!	Digital Reciprocating Shakers	20	Ambient +5° to 65°C (98°C with optional cover)	±0.1°C	±0.1°C	350

MAGNETIC STIRRING WATER BATHS

Six Independent Stirring Controls!	Six-place Stirrer with Bath	28.4	Ambient +5° to 70°C	±0.1°C	±0.1°C	352
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