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Blenders, Laboratory, Waring

Rugged high speed mixer blenders designed for frequent use when processing free-flowing material with a high liquid content. All containers have handles and are supplied with a blending assembly and 2-piece lid.

M735-421



- High speed blending up to 22000rpm (without load)
- Clover-leaf design containers promote high turbulence mixing
- Profiled cutter blade provides substantial shear and produces effective homogenisation

Single Speed, 1 Litre, "Junior" Models

Accepts all 1 litre and mini-containers.

Catalogue No	M735-421	M735-425
Container material	Heat resistant glass	Stainless steel
Container capacity, litre	1	1
Single speed, rpm	20000	20000
Overall dimensions (wxdxh), mm	180 x 210 x 350	180 x 210 x 350

Two Speed, 1 litre Models

With or without timer. Accepts all 1 litre and mini-containers.

Catalogue No	M735-432	M735-434	M735-436	M735-438
Timer, sec	-	-	1 to 60	1 to 60
Container material	Heat resistant glass	Stainless steel	Heat resistant glass	Stainless steel
Container capacity, litre	1	1	1	1
Two speed, rpm	1800 and 22000	1800 and 22000	1800 and 22000	1800 and 22000
Overall dimensions (wxdxh), mm	180 x 210 x 350	180 x 210 x 350	180 x 210 x 350	180 x 210 x 350

M735-438



M735-432



M735-434



M735-453



Variable Speed, 1 litre Models

Accepts all 1 litre and mini-containers.

Catalogue No	M735-453	M735-457
Container material	Heat resistant glass	Stainless steel
Container capacity, litre	1	1
Variable speed, rpm	0 to 20000	0 to 20000
Overall dimensions (wxdxh), mm	180 x 210 x 350	180 x 210 x 350

M735-476



M735-483



Accessory Containers for 1 Litre Waring Blenders

Catalogue No	Description
Spare containers	
M735-472	Glass container, without lid for 1 litre blenders
M735-474	Lid for the above container
M735-476	Stainless steel container with stainless steel lid for 1 litre blenders
M735-478	Blending assembly, stainless steel for 1 litre containers
Mini Containers	
M735-481	Capacity of 12-37 mls
M735-483	Capacity of 37-110 mls
M735-485	Capacity of 50-250 mls

Blender, 2 Litre, Heavy-Duty, Waring

Powerful blender with 2 speed control and neoprene coated steel drive coupling motor for reduced wear.

Catalogue No	M735-510
Container material	Stainless Steel
Container capacity, litre	2
Two speed, rpm	0 to 20000
Overall dimensions (diaxh), mm	164 x 480

M735-510



Accessories for 2 Litre Waring Blenders

Catalogue No	Description
M735-522	Stainless steel container, 2 litre with stainless steel lid
M735-524	Polycarbonate container, 2 litre
M735-526	Stainless steel container, 1 litre (must not be used on 1 litre base units)
M735-528	Adapter for 2 litre blender (allows 1 litre containers to be used on 2 litre base units)

Blenders, BagMixer® 400

BagMixer® 400 range of blenders ensures quick and sterile blending of all samples. The sample in the BagFilter® is automatically and safely filtered.

- Stainless steel construction with fully opening door for easy cleaning
- Adjustable paddles
- Drip tray supplied with transparent door model
- Quiet operation
- Capacity 100 - 400ml
- 8 strokes per second

Catalogue No	Description
M736-400	BagMixer® 400 Blender with stainless steel door
M736-405	BagMixer® 400 Blender with transparent door and drip tray

M736-405



Accessories

Catalogue No	Description
M736-412	Drip tray to slide under BagMixer® 400
M736-414	Bag opener stand for holding 400ml lab blender bags
M736-416	Stainless steel storage rack for 10 x 400ml bags

Bags

BagLight®

Sterile plain bag used for products not requiring filtration. Made from PolySilk® which is a resistant material that can be deep frozen

BagFilter®

Sterile bags with non-woven side filter. During blending, the solid fibres are retained behind the filter, and the sample passes through the filter.

Two versions are available. "P" for Pipetting and "S" for pouring where an extra weld holds back the particles.

BagPage® Plus

Sterile bags made from multilayer film with a full width filter. The two compartments are separated by a filter; one side is marked to identify the sample, and the other is pinched by an extra weld for error free Pipetting.

Catalogue No	Description	Pack Qty	Case Qty
M736-420	BagLight® Sample filter bags without filter	25	1000
M736-424	BagFilter® P filter bags with lateral surface filter for Pipetting	25	500
M736-426	BagFilter® S filter bags with lateral surface filter for pouring	25	500
M736-430	BagPage® Plus filter bags with full width membrane filter	25	500
M736-435	BagClip® Closing clips for lab blender bags		50



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M735-303



Mixer, Vortex, Mini



A simple fixed speed vortex mixer. Features polypropylene cup and suited for use with tubes up to 16mm diameter. Push and hold operation.

- Compact size
- Push switch operation
- With BioCote® antimicrobial protection

Catalogue No	M735-303
Speed, rpm	Fixed 2500
Dimensions (wxdxh), mm	80 x 140 x 80
Electrical Supply	230V, 50Hz, 50W

M735-307



Mixer, Vortex, Fixed Speed



For rapid mixing of samples contained in test-tubes, small flasks and bottles. Starts automatically when the rubber cup is depressed and stops once vessel is removed. Heavy die-cast body for stability during use.

- Speed range to 2500rpm
- Stable low profile body
- Automatic press start
- With BioCote® antimicrobial protection

Catalogue No	M735-307	M735-318
Speed, rpm	Fixed 2500	Variable 250-2500
Orbit diameter	4.2 mm	4.2mm
Dimensions (wxdxh), mm	135 x 215 x 78	135 x 215 x 78
Touch Mode	Yes	Yes
Continuous Mode	No	Yes
Electrical Supply	90 - 240V, 50/60Hz, 20W	

M735-322 with M735-322



Accessory Pack for Vortex Mixer Variable Speed

Pack Contains:

- 1 x plastic cradle for standard microtitre plate
- 1 x circular foam insert for beakers and flasks (up to 500ml capacity)
- 1 x rectangular foam insert
(holds 8x 0.2ml, 8 x 0.5ml and 16 x 1.5ml microcentrifuge tubes)
- 1 x solid rectangular foam insert (blank for custom holes)

Catalogue No	M735-322
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Mixer, Vortex

Designed for mixing small test tubes or flasks, by means of a circular, oscillating movement.

- Epoxy painted aluminium die-cast housing gives a high resistance to chemical and mechanical erosion
- 4 holdfast feet for high stability of the instrument
- Speeds up to 2400rpm
- Two versions available, fixed or variable speed

Catalogue No	M735-210	M735-214
Speed, rpm	Fixed 2400	Variable 50 - 2400
Orbit diameter	5mm	5mm
Dimensions (wxhxd),mm	150x134x150	150x134x150
Electrical Supply	220-240v, 50Hz, 45W	220-240v, 50Hz, 45W

Accessories

M735-222	Supporting plate, Dia. 90mm
M735-225*	Stand for 25 microvials, 1.5ml
M735-228*	Stand for microtitre plate

* only suitable for use with the Variable speed model



Mixer, Vortex, Classic / Wizard

Vortex Classic provides the highest performance ratings in terms of speed, coupled with reliability and safety. It has the traditional Touch and Continuous operation. Vortex Wizard has a Continuous operation with a unique infrared sensing system that detects the presence of the test tube and automatically activates vibration. No pressure is needed by the operator.

- Epoxy painted zinc alloy housing gives a high resistance to chemical and mechanical erosion
- Three anti-sliding to absorb vibrations and enhancing stability
- Speeds up to 3000 rpm

Catalogue No	M735-242	M735-246
Model	Classic	Wizard
Speed, rpm	Variable 0 - 3000	Variable 0 - 3000
Operational Mode	Touch / Continuous	Sensor (IR)/ Continuous
Orbit diameter	4.5mm	4.5mm
Dimensions (wxhxd),mm	180x70x220	180x70x220
Electrical Supply	90-260v, 50-60Hz, 30W	90-260v, 50-60Hz, 30W

Accessories

M735-250	Foam attachment, 19 microvials, 1.5ml
M735-252	Foam attachment, customisable
M735-254	Foam attachment, 5 test tubes, 16mm diameter
M735-256	Foam attachment for Microtitre plate
M735-258	Rubber supporting plate, 50mm
M735-260	Foam attachment, 4 test tubes, 29mm diameter

M735-250



M735-252



M735-256



M735-242



M735-246



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Mixers, Mortar & Pestle

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M735-550



Roller Mixers, SRT6 & SRT9

stuart

Recommended for mixing blood samples, viscous substances and liquid-solid suspension where minimum aeration is required. Units can be used in incubators up to 60°C and humidity up to 80%, or cold rooms down to 4°C. Most size tubes, Bijoux, Universals and bottles can be accommodated. For large capacity bottles (up to 135mm dia.), one or more of the rollers are easily removed to give improved grip. It is possible to quickly convert the unit to provide a 'roll only' action.

Catalogue No	M735-550	M735-552
No. of rollers	6	9
Speed, rpm	33	33
Amplitude, mm	16	16
Max. load, Kg	10	10
Roller size (lxd), mm	340 x 30	340 x 30
Overall dimensions (wxdxh), mm	565 x 240 x 110	565 x 360 x 110
Net weight, Kg	5.1	6.9
Electrical Supply	230V, 50Hz, 50W	230V, 50Hz, 50W

M735-552



M810-010



Mortar & Pestle, Porcelain

Unglazed inside, glazed outside.
Dimension given is for the Mortar outside diameter.

Catalogue No	Mortar O.D	Mortar Capacity ml
M810-008	80	100
M810-010	100	150
M810-013	130	250
M810-016	160	750

B044-843



Balances, Moisture, MB23 and MB25

- MB23 Infrared heating - no glass
- MB25 Halogen heating
- Ideal for routine tasks
- Compact and simple to operate
- RS232 interface
- Manual, automatic or times duration drying time

Catalogue No	Model No.	Capacity, g	Readability, mg	Pan size, mm
B044-843	MB23	110	10mg	90
B044-845	MB25	110	5mg	90