



Instruction Manual

Vornado™

Mini Vortex Mixer

Model BV101



BV101-B



BV101



BV101-G



BV101-P



BV101-R

Introduction

The Benchmark Vornado™ Mini Vortex Mixer is a compact yet powerful vortex mixer designed to accommodate tubes of varying sizes, from 0.4ml to 50ml. Dynamic balance technology provides smooth speed control, quiet operation and minimal excess vibration. The Vornado is available in five different head colors - gray, blue, green, purple and red.

Please read this manual thoroughly before attempting to operate the Vornado Vortex Mixer.

I. Specifications

Speed	Fixed, 2800rpm
Operating mode	TOUCH mix
Head	Rubber cup for single tube mixing
Orbit	4mm
Operating environment	+4° to 65°C
Dimensions (WxDxH)	9.4x9.9x6.6cm/3.7x3.9x2.6"
Weight	0.4kg/1lb
Electrical	Universal, 100 to 240V, 50/60 Hz
Warranty	2 years, parts and labor

II. Product Set-Up

Remove the vortexer from the box. Keep all packing materials until the unit is shown to be in good working order. Check that the appropriate power cord has been received. If the included power cord does not match the local requirements, contact your Benchmark dealer.

Place the vortexer on a clean, stable surface and connect the power cord to the appropriate electrical outlet.

III. Product Operation

The vortexer works by "TOUCH" control - pressing down on the cup head will start operation. Releasing pressure will stop operation. To vortex a tube, hold the tube with its lower end in the cupped head. Press down to activate the mixing action. When finished, lift the tube upward.

IV. Care and Maintenance

The vortexer is an electrical instrument and care must be taken in its handling. Clean any spills immediately. Keep the unit clean by wiping with a soft, damp cloth. Do not immerse the unit in water. Avoid the use of organic solvents as these may damage both the rubber head and ABS housing. Do not subject the vortexer to temperatures outside its recommended operating range.

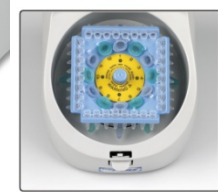
V. Service and Contact

For customer service or technical support, please contact **Benchmark Scientific** at info@benchmarkscientific.com or by phone in the USA: 908 769-5555, 8:30am to 5:00pm EST.

Also available from Benchmark:



**MyFuge™ 12
(C1012)**



Unique COMBI-Rotor

Unlike traditional mini centrifuges, the MyFuge 12 eliminates the need to change rotors when switching between microtubes and PCR strips. The included, unique COMBI-Rotor™ is all that is required for spinning 12 microtubes and 4 PCR strips simultaneously.

With a fixed speed of 5,500rpm/2,000 xg, this centrifuge is perfect for quick spin downs. Simply close the lid and the unit quickly accelerates to maximum speed. Opening the lid activates the braking system and quickly stops the rotor.

Ask your Benchmark dealer for additional information on the MyFuge 12.



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