

BioShake

Plate Shaker and Thermal Mixer

Super Stealthy
Super Speedy



Bulldog
Bio





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A high performance bench-top shaker

When you see the BioShake XP in action, you'll understand why it is now one of the most popular plate shakers in life science research. With a footprint no bigger than 2 microplates side-by-side, its near indestructible design promises years of hassle free mixing. And its over-the-top performance guarantees well-mixed samples in a variety of tube and plate types.

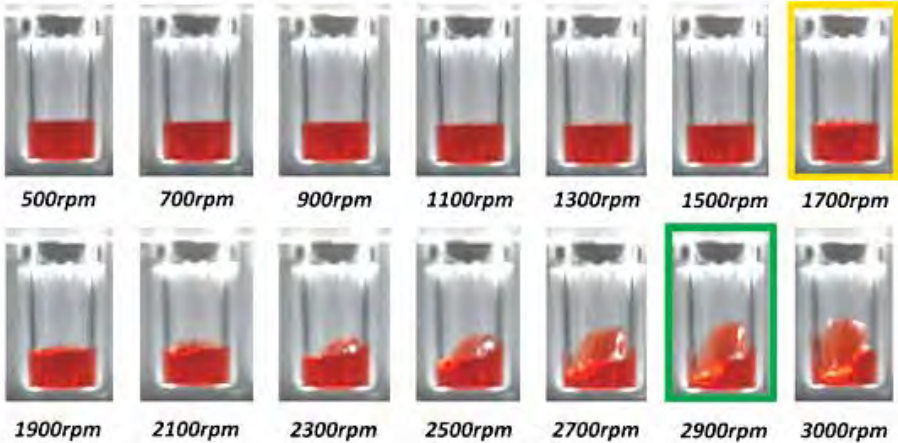
Introducing the über-shaker

For precise control of speed and temperature in a small package, the BioShake iQ has no equal. Boasting the same mixing mechanics as the XP, the iQ adds the popular feature of full thermal control. All of these features are packed into the same tiny footprint and deliver near-perfect mixing.

The science of mixology

BioShake Mixers offer ultra-efficient orbital shaking so that samples mix completely in a fraction of the time of competing systems. This motion is so precisely controlled, in fact, that you need never spin down your plates after mixing. Airborne droplets are mitigated by a proprietary speed governing algorithm. Even high density plates, or low sample volumes, offer no obstacle for these precision tools. Fully adjustable between 200 rpm and 3000 rpm, well beyond the speeds of most other brands, guarantees fast, splatter-free mixing for tubes, glass vials or microplates.





Perfect for Small Volumes

12 μ l aqueous samples were mixed in a 384-well flat bottomed microplate on the BioShake XP. Outlined in yellow, 1700 rpm is the slowest speed needed to initiate mixing of such a small volume. Outlined in green, 2900 rpm is the speed required to provide maximal mixing as measured by the apex of the wave front. Imaged using super slow-motion videography.

Your samples will never know what shook them

To say that BioShake Plate Mixers are whisper quiet is not an overstatement. These devices are intended to shake tubes only and to mix their contents — not to vibrate the entire lab bench or robotic deck. A large part of the noise reduction is derived from a patented dampening system that relies upon ingenious counter-weight symmetry.



SPECIFICATIONS	BioShake iQ	BioShake XP
Vessel Types	Microplates, tubes, vials	Microplates, tubes, vials
Shaking Speed	200 – 3,000 rpm	200 – 3,000 rpm
Shaking Accuracy	± 25 rpm	± 25 rpm
Temperature Range	Ambient to 99°C	No active thermal control
Temperature Uniformity	± 0.5°C	n.a.
Programmable	Yes, 2 programs (3 steps)	Yes, 2 programs (3 steps)
Display	2x16 Alpha-numeric, Backlit	2x16 Alpha-numeric, Backlit
Power Requirements	100 – 240 VAC, 50-60 Hz	100 – 240 VAC, 50-60 Hz
Weight	2.7 kg (5.95 lbs)	2.7 kg (5.95 lbs)
Size	142 mm x 170 mm x 80 mm	142 mm x 170 mm x 80 mm
Warranty	1 year parts and labor	1 year parts and labor

ITEM #	DESCRIPTION	PRICE
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Base Shaker — (Requires adaptor in most cases)

1808-0505	BioShake XP, w/ 1 year warranty	\$1,795
1808-0506	BioShake iQ, w/ 1 year warranty	\$1,895
BSIQWAR01	1 Year Extended Warranty	\$ 195

Adaptors — Microplates

1808-1021	BioShake Adaptor - 96-, 384-, 1536-well, Flat-bottomed, Microplates	\$ 395
1808-1031	BioShake Adaptor - 96-well, Round-bottomed, Microplate	\$ 545
1808-1041	BioShake Adaptor - 96-well, Standard V-bottomed, PCR Microplate	\$ 645
1808-1051	BioShake Adaptor - 384-well, V-bottomed, PCR Microplates	\$ 645

Adaptors — Tubes and Glass Vials

1808-1061	BioShake Adaptor - 24 x 2.0 ml and 15 x 0.5 ml Tubes	\$ 395
1808-1062	BioShake Adaptor - 24 x 1.5 ml and 15 x 0.5 ml Tubes	\$ 395
1808-1063	BioShake Adaptor - 40 x 0.5 ml and 28 x 0.2 ml Tubes	\$ 395
1808-1071	BioShake Adaptor - 30 x 2.0 ml Glass Vials, 12 mm	\$ 395
1808-1093	BioShake Adaptor - 4 x 50 ml FALCON® Tubes	\$ 495
1808-1094	BioShake Adaptor - 15 x 15 ml FALCON® Tubes	\$ 495

Adaptors — Deep Well Plates

1808-1121	BioShake Adaptor - Eppendorf deep 96-well plate (1000 µl)	\$ 695
1808-1141	BioShake Adaptor - BRAND deep 96-well plate (1100 µl)	\$ 695
1808-1151	BioShake Adaptor - NUNC deep 96-well plate (2000 µl)	\$ 695
1808-1161	BioShake Adaptor - Axygen 96/2.0 ml	\$ 695
1808-1172	BioShake Adaptor - Abgene 96/0.8 ml	\$ 695

For the complete list of adaptors compatible with a broad range of plastic vessels please go to <http://www.bulldog-bio.com/bioshakeiq.html>



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