

The Belly Dancer®

designed expressly for gel and blotting techniques



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Developed By A Scientist for Scientists

The Belly Dancer was developed by a postdoctoral scientist to optimize washing procedures for fragile gels. Designed originally as a reliable workhorse, the motion was altered to provide the smooth undulation that makes the Belly Dancer unique. The result is an elegantly simple design that is reliable, significantly more efficient, and very, very quiet.



The Belly Dancer's® Unique Motion

As for other shakers, all they do is shake.
Wouldn't you rather have a Belly Dancer?

Whether you need gentle, continuous agitation or vigorous mixing, The Belly Dancer is your instrument of choice: staining and destaining gels; Northern, Southern, or Western blotting; in various environments, bench top operation, cold rooms, warm rooms.

The unique, undulating motion of The Belly Dancer shaker is designed to provide the optimal movement for the multiple stainings and washings involved in gel and blotting techniques. Agitation is gentler but more efficient than the action of ordinary shakers. The smooth combination of vertical and horizontal orbital motion allows for more rapid exchange of solvents in applications like staining and destaining gels and assures lower background in applications such as blotting.

The easily adjustable speed and platform pitch angle controls provide a wide range of agitation conditions, from extremely gentle to vigorous. The Belly Dancer provides an exceptionally simple liquid agitation system, consisting of an orbiting platform flexibly anchored at four corners so that the platform motion, when adjusted by the platform pitch control collar, is an extremely effective combination of rocking platform mixer and orbital shaker. One dimensional shakers do not have the versatility and range of application that result from the variable speed and adjustable platform pitch of The Belly Dancer.



The unique motion of the Belly Dancer produces this unexpected efficiency: separation and thorough washing of multiple filters in a single container.



The utterly simple platform pitch control.



The Belly Dancer® carries a load up to 20 lbs.

FEATURES:

Sensible in Design, Simple in Operation

- Gentle yet thorough mixing and washing action.
- Simple, durable, trouble free construction.
- No belts or pulleys.
- Chemically resistant materials. Stainless steel and anodized aluminum parts. High bake ester finish on case.
- 30 cm x 30 cm platform for efficient benchtop and cold room operation.
- Open sided platform to accommodate oversize containers.
- Removable, washable non-skid platform mat.
- Simple platform pitch control. From level motion to 8° pitch.
- Light weight (16 lbs.) for easy mobility.
- Variable speed control, from 0 to 100 rpm. No cogging at slow speeds.
- Max load, 20 lbs.
- Extremely quiet operation.
- High quality, permanent magnet DC motor and control for long life and dependable performance.

SPECIFICATIONS:

Dimensions: base, 15" x 15", height, 9", platform, 12" x 12"

Weight: 16 lbs.

Operating Voltages: BDRAA115S, 115V 50/60 hz
BDRAA220S, 220V 50/60 HZ, CE

Speed: 0 rpm to 100 rpm

Max load: 20 lbs.

Ambient Temperature Range: 0°C to 42°C



Pictured here with The Stovall Blot Washer (the automated liquid delivery and aspiration system), the Belly Dancer is the shaker of choice for washing & incubation of Western blots.