



The Belly Dancer Shaker

BDRAA115S (115 volt) / BDRAA220S (220 volt)

The unique, undulating motion of The Belly Dancer shaker is designed to provide the optimal movement for tissue culture, staining and destaining gels, Northern, Southern, or Western blotting, and immunoprecipitation. The 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. 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 protects sensitive cell lines from sheering in cell culture.

The Belly Dancer shaker has a simple, durable construction and is made of chemically resistant materials including stainless steel and anodized aluminum parts with a high bake ester finish on the case. The Belly Dancer comes with an open-sided platform to accommodate oversized containers and a removable, washable non-skid platform mat. The flat power cord can also pass through the door gasket of incubators without compromising the environment. The platform can easily be adjusted with the platform pitch control collar from level motion to an 8° pitch. The Belly Dancer can hold up to 20 lbs. with extremely quiet operation. The ambient operating temperature range is 0° C to 40° C. The speed varies from 0 to 100 rpm with no cogging at slow speeds.

Accessories for The Belly Dancer include a 2nd Story Platform, an Extension Platform, and a Tube Mat. The 2nd Story Platform doubles the platform capacity and comes with 4.5" aluminum spacer legs and a non-skid removable mat. The Extension Platform, which is 18 x 18", increases the platform capacity by 225% and comes with a non-skid removable mat. The Urethane Tube Mat is a 12 x 12" urethane mat that allows the Belly Dancer to mix the contents of small tubes up to 50 ml in size.

Belly Dancer Shaker Lab Start-Up Kits are now available with your choice of accessories. The Belly Dancer with 2nd Story Platform includes The Belly Dancer and the 2nd tier platform kit. The Belly Dancer with Extension Platform includes the Belly Dancer and the 18" x 18" extension platform kit. The Belly Dancer with Tube Mat includes The Belly Dancer Shaker and the 12" x 12" urethane tube mat.

Physical Specifications

Base Footprint: 15" x 15"

Standard Platform: 12" x 12"

Overall Height: 9"

Product Weight: 16 lbs.

Shipping Weight: 19 lbs.

Max. Weight on Platform: 20 lbs.

Orbit Size: 1"

Operating Temperature Range: 0°-40°C

Max. Operating Humidity (Non-Condensing): 97%

Operates in CO₂ Incubator: Yes

Operational Speed: 0-100 RPM

Platform Pitch Control: 0°-8°

Electrical: 115 V – 50/60 Hz ; 220 V – 50/60 Hz