

INSTRUCTIONS



Spindrive® Orbital Shaker Platform

Catalog No. F37041-0000

Patent No. 5,409,312

CONGRATULATIONS ON YOUR PURCHASE OF THIS NEW AND INNOVATIVE SPINDRIVE® PRODUCT.

IT IS IMPORTANT FOR YOU TO READ THESE INSTRUCTIONS CAREFULLY BEFORE USING THE ORBITAL SHAKER PLATFORM.

INITIAL PREPARATION

- 1) A magnetic stirrer with a large enough surface area for the Platform to rest is required.
- 2) Ensure that the operating surface of the magnetic stirrer is clean and dry.
- 3) The speed control of the magnetic stirrer should be switched off.
- 4) Place the Spindrive® Orbital Shaker Platform onto the magnetic stirrer. It is important to align the center of the Spindrive® Orbital Shaker Platform with the center of the stirring platform.
- 5) Test the operation of the Spindrive® Orbital Shaker prior to placing any objects on the platform. Turn the magnetic stirrer speed control on and slowly increase the speed level.
- 6) If the Spindrive® Orbital Shaker Platform does not function properly then switch off the magnetic stirrer speed control and go back to step "3", repositioning the Spindrive® Orbital Shaker Platform on the magnetic stirrer and test until you are satisfied with its performance.

OPERATING

- 1) Place objects to be shaken onto the Spindrive® Orbital Shaker Platform and slowly turn up speed control on the magnetic stirrer until the desired speed is achieved.
- 2) To stop the Spindrive® Orbital Shaker turn the magnetic stirrer speed control to "off" and wait until the shaker platform has stopped before removing objects.

CAUTION !

If the Spindrive® Orbital Shaker Platform is to be used on a magnetic stirrer incorporating a heated platform, **NEVER** switch on the heat as this product is made from plastic and permanent damage may result. If heat has been used previously, do not use the stirrer with the Spindrive® Orbital Shaker Platform until the surface of the stirrer has cooled. The pad on the platform can be cleaned with soap and water, but must be dried before it is used on the Spindrive® Orbital Shaker Platform.

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OTHER FINE SCIENCEWARE® PRODUCTS FOR YOUR LABORATORY

Cool Stir® Large Volume Stirrer

This magnetic stirring machine effectively agitates up to 50 gallons (190 liters). It features two speed ranges (0 to 200 and 0 to 400 rpm) with a stepless speed control. The large platform is chemical-resistant white polypropylene. A baked-on epoxy finish protects the steel housing from corrosion and four rubber feet prevent "movement". Driving magnet is a rare earth type. Use Giant Polygon Spinbar® magnetic stirring bars F37118 series with this stirrer. DC motor, 50 Watts, 50/60 Hz, 3-wire grounded cord, 6 ft. (1.8 m) long. 19" L x 19" W x 8" H (48 x 48 x 20 cm). Net weight 38 lbs (17.3 kg), shipping weight 40 lbs (18.2 kg).



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