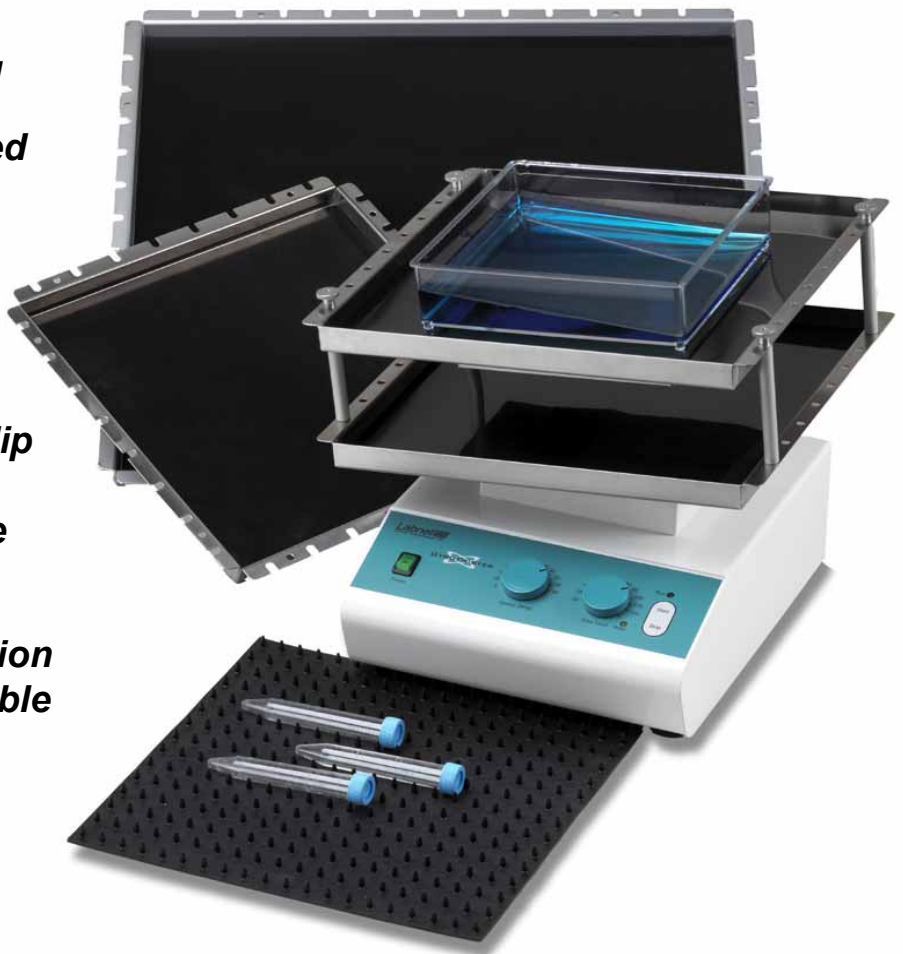


GyroTwister™ GX-1000 3-D Shaker

A new dimension for Labnet shakers

- ***Gyratory action provides gentle, yet thorough mixing***
- ***Continuously variable speed control***
- ***Safe for use in temperature controlled environments***
- ***Complete with single nonslip platform, dimpled mat for tubes and universal sample tie-downs***
- ***Double platform configuration and larger platforms available***



A new dimension in shakers

The Labnet shaker line has entered the next dimension with the *GyroTwister™ GX-1000*. This 3-D shaker produces a gyratory motion that is gentler to samples and more efficient than that of a standard orbital shaker. Adjustable agitation and a variety of accessories make the *GyroTwister GX-1000* useful for a wide variety of shaking applications.

3-D shaking action

The *GyroTwister GX-1000's* platform moves through three dimensions to produce a gyratory action that thoroughly mixes samples. While this motion provides excellent mixing, it does not result in "sloshing" of samples, making it ideal for delicate items such as gels.

Adjustable agitation

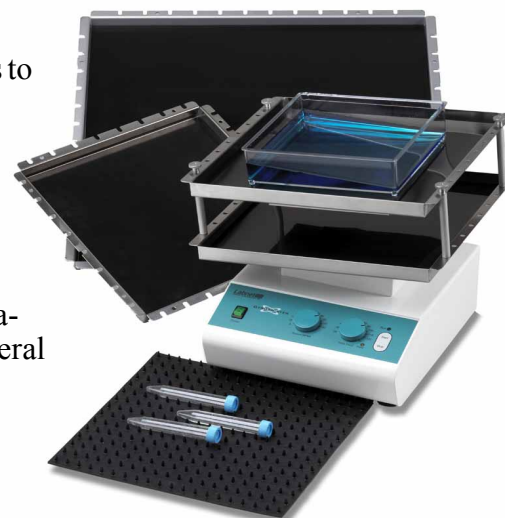
The speed of the *GyroTwister GX-1000* is continuously adjustable across a broad range to tailor the shaking action to sample requirements. Typical applications include gel staining and destaining, hybridization, washing of blots, mixing of blood samples, immunoassays and general high and low speed mixing. The pitch of the platform is fixed at $\pm 7^\circ$ to ensure even wetting of all sample areas.

Accommodates a variety of sample containers

The nonslip mat on the platform surface keeps sample containers in place during low speed shaking. At higher speeds, the elastic universal sample tie-downs are stretched across the platform to secure containers. The tie-downs easily accommodate flasks, racks and odd shaped containers that would typically be held in place with clamps. Tubes are held securely by the dimpled mat. Optional large and extra large platforms are easily interchangeable to increase the capacity and versatility of the shaker. To increase capacity without expanding the footprint, a second standard size platform (30x30cm) may be stacked on top of the first.

Quality construction

The *GyroTwister GX-1000* is designed to provide a long, trouble-free service life. All moving parts feature permanently lubricated ball bearings for quiet, maintenance-free operation. The sturdy base has a corrosion resistant finish and lends stability to the unit to prevent vibration during high speed operation. An "accordion" sleeve protects the shaking mechanism from dust and spills. The *GyroTwister GX-1000* is safe for use in temperature controlled environments, up to 65°C. The unit is supplied complete with 30x30cm nonslip platform, dimpled tube mat and universal sample tie-downs.



Ordering Information

Cat. No.	Description
S-1000	<i>GyroTwister™ GX-1000</i> three dimensional shaker with 30x30cm nonslip platform, dimpled tube mat and universal sample tie-downs
S-1000-30	Standard platform, 30x30cm, with hardware to convert the <i>GyroTwister</i> to a double platform unit
S-1000-40	Large platform, 40x40cm, with nonslip mat
S-1000-50	Extra large platform, 50x50cm, with nonslip mat
S-1000-M	Dimpled mat, 30x30cm, for holding tubes
S-1000-T	Replacement universal sample tie-downs, pack of 8

Specifications

Motion	Three dimensional
Speed	Variable, 6 to 60rpm
Platform pitch	Fixed, $\pm 7^\circ$
Timer	0 to 180 minutes, hold
Platform size	30x30cm
Capacity	5kg/11 lb
Amb. operating range	4° to 65°C
Dimensions	300W x 300D x 225H cm 12W x 12D x 8.8H inches
Weight	9kg/19.8 lb
Voltage	120V, 60Hz

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