



## Gyro-Stat<sup>®</sup> Bench Top Turntable



Figure 1. Vermason [237191](#) Gyro-Stat<sup>®</sup> ESD Bench Top Turntable

### Description

The Gyro-Stat<sup>®</sup> Bench Top Turntable allows an operator to rotate (bidirectional) heavy, large or awkward assemblies on a bench top without manual handling of the product. The Gyro-Stat<sup>®</sup> Bench Top Turntable includes a pre-installed [Statfree T2<sup>™</sup>](#) dissipative dual layer rubber mat top. Three thumbscrew locks allow the turntable to be locked temporarily to prevent spinning when required.

### Specifications

<b>Base Material:</b>	Stainless Steel
<b>Profile:</b>	16mm high
<b>Diameter:</b>	475mm
<b>Load Rating:</b>	100kg
<b>Volume Resistance:</b>	$1 \times 10^7$ to $< 1 \times 10^9$ ohms
<b>Mat Top:</b>	Statfree T2 <sup>™</sup> Dissipative Dual Layer Rubber
<b>Mat Top Electricals:</b>	Rg: $1 \times 10^6$ to $< 1 \times 10^9$ ohms per IEC 61340-2-3 and ESD TR53

### Operation

1. Unpack the unit and check for any visible damage.
2. Ensure the turntable is sitting flat on the bench\* and the bench is solid. Can also be used on floor.
3. During transit the conductive bearings may stick together. Make sure the turntable reaches room temperature and rotate the top disc a few times to separate the ball bearings and conductive grease.
4. Place the product on the Gyro-Stat<sup>®</sup> bench top turntable making sure the weight is evenly distributed. The turntable should now be in working

order. To ground the turntable, place it on a grounded bench or bench mat ( $< 1 \times 10^9$  ohms Rg). The path to ground may be verified with a [resistance meter](#).

5. To temporarily stop the spinning, turn one of the three lock screws a few turns just enough to stop the rotary movement. Do not over tighten screw(s). See Figure 2.

**NOTE:** Due to shipping disturbance the turntable may sometimes appear to be noisy when unpacked. If this is the case please allow the product to sit for 24 hours at ambient temperature (20 Degrees C / 68F), then place a heavy weight (max. 100kg) on the turntable (or standing on it is acceptable) and turn the top disc several times in both directions. This will activate the conductive grease and free the bearings that can get stuck during transit.

\*The Gyro-Stat<sup>®</sup> Bench Top Turntable may also be used on a floor or other surface. In order to be grounded it must be on a surface that provides a path to ground.



Figure 2. Thumbscrew Locks



Figure 3. Locking the Turntable

#### Limited Warranty, Warranty Exclusions, Limit of Liability and RMA Request Instructions

See Vermason's Warranty - <http://www.vermason.co.uk/Warranty.aspx>

Note: Gyro-Stat<sup>®</sup> is a registered trademark of Vodex Ltd

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