



## Gyro-Stat® Bench Top Turntable



Figure 1. Desco 07604 Gyro-Stat® ESD Bench Top Turntable

### Description

The Gyro-Stat® 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® Bench Top Turntable includes a pre-installed [Statfree T2™](#) 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>             | 5/8" High                                                                     |
| <b>Diameter:</b>            | 18 3/4"                                                                       |
| <b>Load Rating:</b>         | 220 pounds                                                                    |
| <b>Volume Resistance:</b>   | $1 \times 10^7$ to $< 1 \times 10^9$ ohms                                     |
| <b>Mat Top:</b>             | Statfree T2™ Dissipative Dual Layer Rubber                                    |
| <b>Mat Top Electricals:</b> | Rtg: $1 \times 10^6$ to $< 1 \times 10^9$ ohms per ANSI/ESD S4.1 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.

Note: Gyro-Stat® is a registered trademark of Vodex Ltd

\*Gyro-Stat® turntable is Made in England. Statfree T2™ mats are made in the USA.

4. Place the product on the Gyro-Stat® 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 Rtg). The path to ground may be verified with a [resistance meter](#).
5. To temporarily stop the spinning, turn one of the 3 lock screws a few turns just enough to stop the rotary movement. Do not over tighten screw(s). See Figure 2.

\*The Gyro-Stat® 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

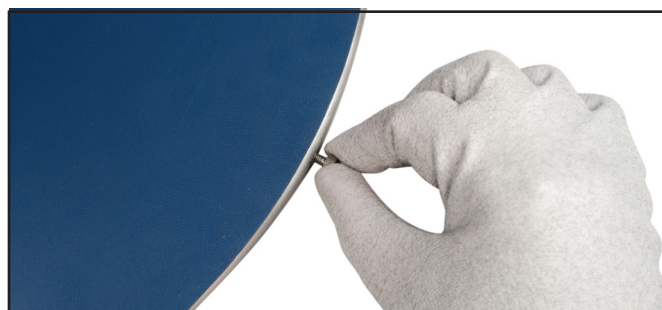


Figure 3. Locking the Turntable

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

See Desco's Warranty -

<http://Desco.DescoIndustries.com/Warranty.aspx>