GT24 Stirring Systems

GT24N, GT224N
GT2406, GT22406
GT2412, GT22412
Locate and identify parts shipped:

- Clamp 100D LC300
- Control
- Motor Assembly
- Propeller
- Paddle

Specifications:

Power:
- 120V models (108-125VAC 50/60 Hz.)
- 240V models (208-240VAC 50/60 Hz.)
  - 50 to 60Hz. +/- 5%

Ambient Temperature:
- 77°F/25°C +/- 5°C

Operating Environment:
- 0 to 90% relative humidity non-condensing
- 32 to 100°F/0 to 37°C

Operation:

Connect the cord from the motor to the control. This plug is polarized so that it can only be plugged in one way. Make sure the power switch is in the OFF position and the motor speed knob is fully counter clockwise. Plug the control AC power cord into a properly grounded and polarized receptacle. Depress power switch and turn the motor speed knob clockwise to set the motor speed. Maximum speed is of each control is listed on chart found on below. The speed dial numbers represent a linear relationship with motor speed, so that a setting of 50 is approximately ½ of the maximum speed.

Stirrer is attached to a lab stand via the lab clamp 100D LC300 supplied with stirrer.

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Input Voltage</th>
<th>Max RPM</th>
<th>Torque lb.-in</th>
<th>Torque kg-cm</th>
<th>Torque Nm</th>
</tr>
</thead>
<tbody>
<tr>
<td>GT24N</td>
<td>120</td>
<td>2,500</td>
<td>1.5</td>
<td>1.7</td>
<td>.17</td>
</tr>
<tr>
<td>GT2406</td>
<td>120</td>
<td>417</td>
<td>5.4</td>
<td>6.2</td>
<td>.6</td>
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<tr>
<td>GT2412</td>
<td>120</td>
<td>208</td>
<td>12.0</td>
<td>13.8</td>
<td>1.32</td>
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Control Features:

1. **SPEED CONTROL KNOB**: This allows adjustment of the speed of the GT Series control.

2. **FORWARD/REVERSE SWITCH**: For rotation direction of motor.

3. **CIRCUIT BREAKER**: The stirrer circuit is protected against overloads with a 2.0 amp fuse.

4. **OUTPUT SOCKET**: Socket for connection for motor to control.
Always use proper safety equipment when stirring, for example, gloves, safety glasses, etc. Read and follow instructions that are supplied with your stirrer drive.

When reversing the motor direction, let the motor come to stop before changing direction.

As a general rule, use the slower speeds whenever possible for the work to be done. Limit your use of the high-speed small propellers and low viscosity fluids. Large paddles will overload the motor, even running in water, if you use it at maximum speed.

**Caution:**
The fuse is rated at 2.0 amps; it won't necessarily protect the motor or the controller against prolonged, moderate overloads.

Use of a stirrer for an alternate purpose or alteration of stirrer construction features such as electrical connecting devices, may cause unsatisfactory performance and the warranty to be voided.

Your stirrer drive requires very little maintenance. Keep it clean and avoid spills. Inspect the motor brushes occasionally (with the power cord disconnected) to make sure they have not worn excessively. Do not use if electrical cords are worn or frayed.

**Spare Parts**
Spare parts for Glas-Col stirrers are generally available from the factory. Consult Glas-Col for part numbers and pricing.
Limited Warranty:
Glas-Col warrants products of its manufacture to be free from defects in material and workmanship for one year and agrees to repair or replace without charge any products found defective upon examination at the factory. With proper care and operation, Glas-Col products will give long and efficient service. Chemical spillage, overheating, overloading and general misuse will greatly reduce the service life. Glas-Col is not responsible for damage to apparatus due to improper installation or through attempts to operate the apparatus beyond its rated capacity, intentional or otherwise. Normally expendable parts are not covered by this warranty.

In the event of an incident due to a defective replacement component, Glas-Col will accept responsibility only if the component was defective from the outset. Glas-Col reserves the right to deny responsibility for the incident if the user fails to comply with any instructions provided by using spare parts, which are not guaranteed.

APART FROM SUCH WRITTEN STATEMENT OF WARRANTY, THERE ARE NO WARRANTIES, EXPRESSED, IMPLIED OR STATUTORY WHICH EXTEND BEYOND THE DESCRIPTION OF THE PRODUCTS ON THE FACE HEREOF.

Glas-Col products are intended only for legal and legitimate purposes in commercial, laboratory and industrial settings.

Glas-Col reserves the right to make product refinements without prior notice.

Returns:
Call or fax Customer Service for a Return Merchandise Authorization (RMA) number before returning a product.

Reference the RMA number on the shipping box and on a written description of the problem.

A 20% restock charge of the net price is charged for all standard product returned to stock.

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