# Turntable TT 2.0 SI

## Technical Data

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>2.0 m</td>
</tr>
<tr>
<td>Permissible load</td>
<td>1000 kg</td>
</tr>
<tr>
<td>Point load</td>
<td>250 kg</td>
</tr>
<tr>
<td>(at area of 10cm x 10cm)</td>
<td></td>
</tr>
<tr>
<td>Total height</td>
<td>min. 130 mm</td>
</tr>
<tr>
<td>Material carrier plate</td>
<td>stainless steel</td>
</tr>
<tr>
<td>Rotating speed adjustable</td>
<td>0.3 to 2.5 rpm</td>
</tr>
<tr>
<td>Rotating angle</td>
<td>+400°/-200°</td>
</tr>
<tr>
<td>Positioning accuracy</td>
<td>+/- 0.5°</td>
</tr>
<tr>
<td>Motor</td>
<td>Brushless DC motor 200 W</td>
</tr>
<tr>
<td>Interference suppression:</td>
<td>20 dB under limits EN 55022 class B</td>
</tr>
<tr>
<td>Turntable drive</td>
<td>Toothed belt drive, worm gear</td>
</tr>
<tr>
<td>Control cable</td>
<td>Fibre optic lines</td>
</tr>
<tr>
<td>Remote control via</td>
<td>IEEE interface</td>
</tr>
<tr>
<td>Current consumption max.</td>
<td>2 A</td>
</tr>
<tr>
<td>Voltage</td>
<td>208-230 VAC, 50/60 Hz, single phase</td>
</tr>
<tr>
<td>Concentricity tolerance</td>
<td>+/- 3 mm</td>
</tr>
<tr>
<td>Elevation tolerance less than</td>
<td>5 mm</td>
</tr>
<tr>
<td>Ground plane connecting every</td>
<td>50 mm</td>
</tr>
<tr>
<td>Square border interface</td>
<td>2.3 m x 2.3 m</td>
</tr>
<tr>
<td>(Easy fitting into Groundplane of chamber)</td>
<td></td>
</tr>
<tr>
<td>Temperature range</td>
<td>+10°C to +35°C</td>
</tr>
<tr>
<td>Total weight</td>
<td>approx. 380 kg</td>
</tr>
<tr>
<td>Accessories</td>
<td>Interface to SCU/MCU/NCD Controller</td>
</tr>
<tr>
<td></td>
<td>1.5 m power supply cable</td>
</tr>
<tr>
<td></td>
<td>Service manual</td>
</tr>
</tbody>
</table>

## Brief description

The turntable **TT 2.0 SI** is especially designed for flush mounted installation in semi anechoic electromagnetic absorption chambers. The carrier plate is made of stainless steel.

A 285 mm diameter opening in the centre of the turntable provides the capability to insert power supply for testing.

The **IEEE 488.2 (GPIB) bus** provides an additional control option for all functions, when operated with the **SCU/MCU or NCD Controller**.
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Information presented enclosed is subject to change as product enhancements are made regularly. Pictures included are for illustration purposes only and do not represent all possible configurations.