## Technical Specifications

<table>
<thead>
<tr>
<th>General Characteristics</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating temperature</td>
<td>10 °C to 50 °C</td>
</tr>
<tr>
<td>Storage temperature</td>
<td>0 °C to 50 °C</td>
</tr>
<tr>
<td>Relative humidity</td>
<td>10 % to 85 %, non-condensing</td>
</tr>
<tr>
<td>Dimensions (W x D x H)</td>
<td>320 mm x 320 mm x 310 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>23 kg</td>
</tr>
</tbody>
</table>

### Power Supply Unit
- FSP150 - ABA
- Power: 30 W
- AC input: 100 V to 240 V ~ 2 A @ 50 - 60 Hz
- DC output: 24 V = 6.25 A

### Performance
- Usable well plates disposable: standard 96, 384 and custom well plates
- X / Y movement: 40 mm / s
- Z-axis speed: 80 mm / s
- Movement time from well to well: ± 2 s
- Average time needed for 96 injections: 5 min
- Positioning accuracy: 20 μm in X / Y and Z dimension
- Injection volume: 1 to 100 nl in 0.5 nl steps

### Air Pressure
- Supply pressure maximum: 10 bar
- Supply pressure working: 3 bar

### Software
- Operation system: Microsoft Windows ® 10, Windows 8, Windows 7, English version
- Connection to the computer: USB 2.0 High Speed

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**Warning:** The device may only be used together with software from Multi Channel Systems MCS GmbH, and only for the specified purpose. Damage of the device and even fatal injuries can result from improper use. Do not change hardware configuration as it could lead to improper behavior of the system.