

## Roboinject

## Technical Specifications

<b>General Characteristics</b>	
Operating temperature	10 °C to 50 °C
Storage temperature	0 °C to 50 °C
Relative humidity	10 % to 85 % , non-condensing
Dimensions (W x D x H)	320 mm x 320 mm x 310 mm
Weight	23 kg
<b>Power Supply Unit</b>	
Power	30 W
AC input	100 V to 240 V ~ 2 A @ 50 - 60 Hz
DC output	24 V = 6.25 A
<b>Performance</b>	
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
<b>Air Pressure</b>	
Supply pressure maximum	10 bar
Supply pressure working	3 bar
<b>Software</b>	
Operation system	Microsoft Windows ® 10, Windows 8, Windows 7, English version
Connection to the computer	USB 2.0 High Speed



**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.