

Facility Requirements List

Requirement	Description	Customer provides	Robotechnik provides
Width x Depth x Height [mm] (with cover open)	approx. 600 x 825 x 1490 (1630)	-	Adjustable feet, total height + (0-35mm)
Weight [kg]	approx. 110	-	-
Noise level of the unit	< 70db(A)	-	-
Power requirements	System power supply	Voltage: 230VAC / 1 Phase + N+ PE / 50Hz Fuse current rating: 1 x 10Amps Type of plug: female Schuko 2pin	Schuko plug to UK plug adapter, with 1x 13A fuse
Power consumption	peak approx. 2.0 kW		
Vacuum (VAC)	For process chamber vacuum	-	Push in connector for tube (outside Ø 6mm, inside Ø 4mm) Supplied by the vacuum pump located inside the machine
Compressed air (CDA)	Clean dry air (CDA) for pneumatics	Tube (outside Ø 6mm, inside Ø 4mm) Qty: 1 l/min, Qmax: 5 l/min (depends on use case) Pressure: 5.5 bar Quality: 5µm filtered, dry oil free	Push in connector for tube (outside Ø 6mm, inside Ø 4mm)
Nitrogen (N2)	For N2 purge and pressure tank	Tube (outside Ø 6mm, inside Ø 4mm) Pressure: 4 bar	Push in connector for tube (outside Ø 6mm, inside Ø 4mm)
Media #1 (HMDS)	For HMDS process	HMDS	5 ltr. Stainless steel tank, with empty level sensor, located inside the machine
Exhaust ❶	Exhaust HMDS hotplate process	Flexible chemical resistant tube, (inner Ø 110mm), flow rate: min. 20m³/h	Connection piece with manual throttle valve, outer Ø 110mm
Exhaust ❷	Exhaust table	Flexible chemical resistant tube, (inner Ø 110mm), flow rate: min. 180m³/h	Connection piece with manual throttle valve, outer Ø 110mm

Machine Overview

