

Facility Requirements List

<i>Requirement</i>	<i>Description</i>	<i>Customer provides</i>	<i>Robotechnik provides</i>
Width x Depth x Height [mm] / Weight [kg]	approx. 1200 x 1100 x 1970 / approx. 300	-	See attached sheet 100658.pdf
Noise level of the unit	< 70db(A)	-	-
Power requirements	System power supply	Voltage: 400VAC / 3 Phase + N+ PE / 50Hz Fuse current rating: 3 x 32Amps Type of plug: 32 Amps female CEE 5 pin	5m connection cable with CEE Plug 32A 5pin. 6h
Power consumption	peak approx. 7 kW	-	-
Vacuum	For chuck vacuum	Tube (outside Ø 10 mm, inside Ø 8 mm) Pressure: below. -0.65 bar	Push in connector for tube (outside Ø 10 mm, inside Ø 8 mm)
Compressed air	Clean dry air (CDA) for pneumatics	Tube (outside Ø 8mm, inside Ø 6mm) Pressure: 5.0 - 6.0 bar Quality: 5µm filtered, dry oil free	Push in connector for tube (outside Ø 8mm, inside Ø 6mm)
Nitrogen	For Puddle Nozzle, Motor rinse	PFA tube (outside Ø 8 mm, inside Ø 6 mm) N ₂ : 4,0 +/- 0,5 bar, house supply	Tube fitting for PFA tube (outside Ø 8mm, inside Ø 6mm)
Media #1 (DI-Water)	Heated Spray Nozzle, Megasonic 600 kHz, Megasonic 1 MHz, High pressure pump Door rinse, Chamber rinse, Water gun	PFA Tube Pressure: 2 - 3 bar, min. 2l/min, house supply	½" Flare connection piece

<i>Requirement</i>	<i>Description</i>	<i>Customer provides</i>	<i>Robotechnik provides</i>
Drain #1	DIW-Recirculation	Connection to house drain or any other drain possibility	½" Flare connection piece
Drain #2	Process bowl drain	Connection to house drain or any other drain possibility	¾" Flare connection piece
Exhaust #1 & #2	Exhaust process chamber (top rear)	Chemical resistant tube, (inner Ø 140 mm), flow rate min.: 70 m3/h	Connection piece with manual throttle valve, outer Ø 140 mm
Exhaust #3	Exhaust flow panel chamber	Chemical resistant tube, (inner Ø 110 mm), flow rate min.: 70 m3/h	Connection piece with manual throttle valve, outer Ø 110 mm
Exhaust # 4	Exhaust process chamber (down)	Chemical resistant tube, (inner Ø 110 mm), flow rate min.: 70 m3/h	Connection piece with manual throttle valve, outer Ø 110 mm
Exhaust # 5	Exhaust rear electric cabinet area	Chemical resistant tube, (inner Ø 110 mm), flow rate min.: 100 m3/h	Connection piece with manual throttle valve, outer Ø 110 mm