

TOOL DEFINITION	Mainframe	Support1	Support2	Support3	Support4	Support5
Layout-Ident	nasc33-02.00	nasc33-02.01	nasc33-02.02	nasc33-02.03	nasc33-02.04	
Coordinates						
Process / support	Wet Bench					
Equipment-name	Mainframe	O3 Bubbler	Dilution Unit	Hot UPW Supply Unit	Socket Tower	
Manufacturer	Screen	MKS	Screen	Kelk (Komatsu)	Spie	
Type	SU-3200	LIQUOZON VariO3		PWH-144i-R-CE	Typ I	
File						
Length (mm)	5405	2000	1350	1050		
Width (mm)	2350	820	550	700		
Height (mm)	3184	620	600	2300		
Footprint Area (m²)	12,70	1,64	0,74	0,74		
Weight (kg)	10170,00	400,00	150,00	440,00		
Weight/Area (kg/m²)	801	244	202	599		
Foundation	Yes	No	No	No	No	

HOOK-UP TEAM	FAC Responsible	IPL	CRO	Project Engineers	
Enterprise	Fraunhofer IPMS	Fraunhofer IPMS		Fraunhofer IPMS	
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Unterschrift					

Process / support	Layout Ident.	Bulk - Gas	Location	Location	Consumption		Requirements (E ... Equipment, H ... Hook-up, P ... Pressure, PR ... Pressure Regulator)													
							peak	min	Dim	E (con)	H (con)	Valve		PR		Filter		P max	P min	Counter
					[slm]	[slm]						E	H	E	H	E	H	[bar]	[bar]	E
IF Module	nasc33-02.00	CDA	22.DRL100-YH110_YH05++22.0021b_7_F.	bottom (511)	1200	800	3/4"	SUS ihara								8	7			
IF Module	nasc33-02.00	N2	22.GSG100-YH110_YH03++22.0021b_8.1_F.10	bottom (512)	1515	45	1"	SUS ihara								8	7			
IF Module	nasc33-02.00	N2	22.GSG100-YH110_YH04++22.0021b_7_F.	bottom (512)	1515	45	1"	SUS ihara								8	7			
SC IF	nasc33-02.00	CDA	22.DRL100-YH110_YH03++22.0021b_8.1_F.10	bottom (R301)	1390		1"	SUS ihara								6,5	5			
SC IF	nasc33-02.00	CDA	22.DRL100-YH110_YH04++22.0021b_7_F.	bottom (R301)	1390		1"	SUS ihara								6,5	5			
SC IF	nasc33-02.00	CO2	22.GSP107-YH140_++22.0.021a_6.4_B.10	bottom (R302)	4		1/4"	SUS ihara								3	2			
SC IF	nasc33-02.00	N2	22.GSG100-YH130_YH05++22.0021a_6.10_E.6	bottom (R303)	70		1/2"	SUS ihara								4	3			
ID Module	nasc33-02.00	VAC	22.VAK100-YH130_YH05++22.0021a_7.1_E.7	bottom (801)	20		1/2"	SUS ihara									-0,6			
O3 Bubbler	nasc33-02.01	O2	22.GSP103-YH130_YH05++22.0021a_7_E.	back (E205)	15	9	1/4"	SUS VCR union								7,6	4,5			
O3 Bubbler	nasc33-02.01	CO2	22.GSP107-YH140_++22.0.021a_6.4_B.10	back (E206)	2	0,3	1/4"	SUS VCR union								7,6	5			
O3 Bubbler	nasc33-02.01	CDA	22.DRL100-YH230_YH02++22.0021a_6.5_F.3	back (E207)	15	5	3/8"	SUS SWAGE								8,3	6			
Dilution Unit	nasc33-02.02	CDA	22.DRL100-YH230_YH02++22.0021a_6.5_F.3	back (E103)		100	3/8"	SUS SWAGE								7	4			
Hot UPW Supply	nasc33-02.03	CDA	22.DRL100-YH230_YH02++22.0021a_6.5_F.3	back			Rc 1/4"	SUS								7				