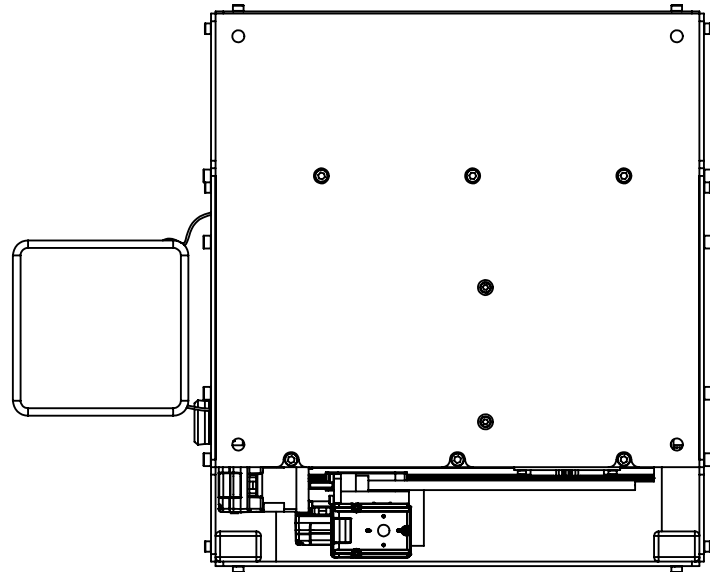
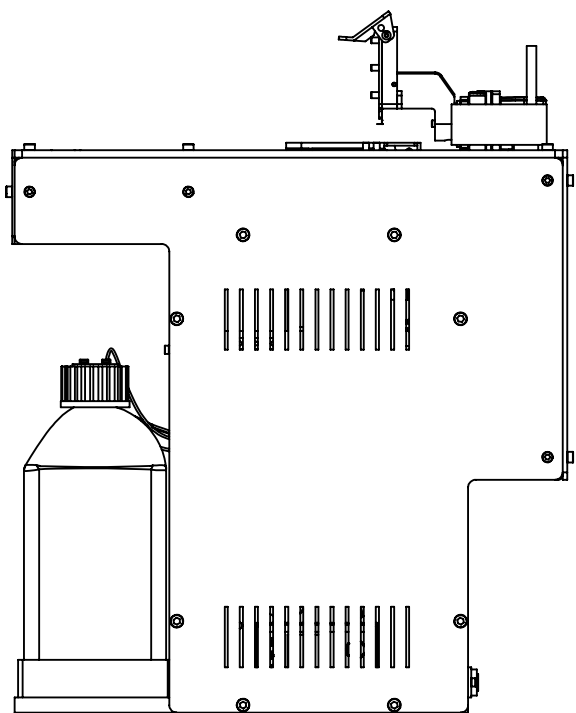
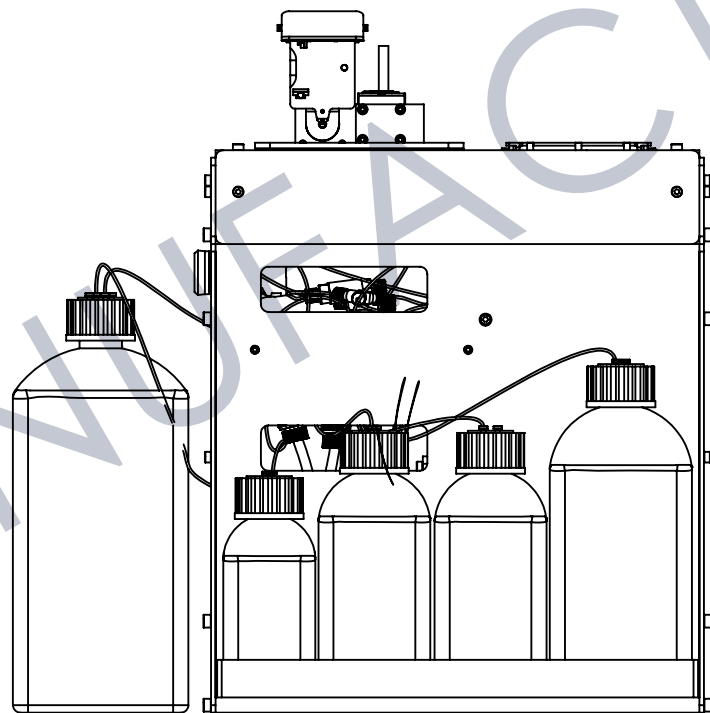
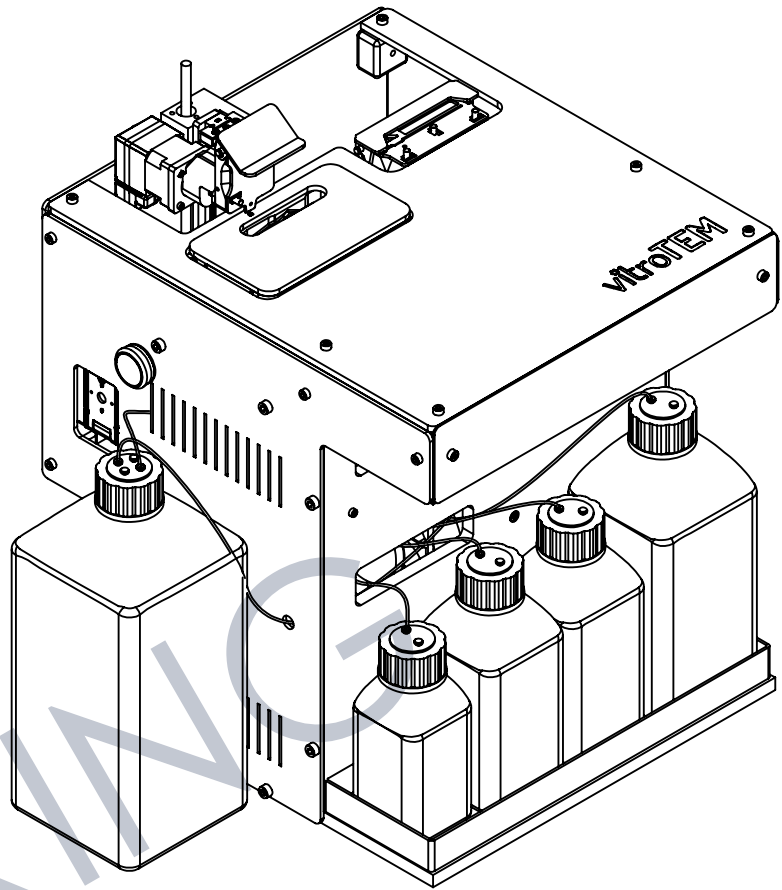



ITEM NO.	PartNo	DESCRIPTION	Vendor	VendorNo	Manufacturer	MATERIAL	QTY.
2	13-018308	MVP-PRT: PELTIER 71W	CONRAD	QC-127-1-4-8-5AS			1
3	13-018431	MVP-PRT: FLOW VALVE 1/4" x 6	CONRAD	S453X10			1
4	13-018440	MVP-PRT: CHILAN 50mm	CONRAD	R0H60232			1
5	13-018441	MVP-PRT: ARDUINO MEGA 2560	CONRAD	A000067			1
6	13-018442	MVP-PRT: PHOENIX CONTACTS	CONRAD	BU 3007261			1
7	13-018358	MVP-PRT: PTFE TUBING 1/16" OD - 0.8 ID	PTFE TUBE SHOP	PTFE TUBE 0.8 x 1.6		PTFE (general)	1
8	13-018362	MVP-PRT: 2 PORT BOTTLE CAP	DIBA INDUSTRIES	009381-2F			4
9	13-018394	MVP-PRT: TUBER ADAPTER	DIBA INDUSTRIES	0091A			6
10	13-018392	MVP-PRT: TUBER PLUG	DIBA INDUSTRIES	0091P			6
11	13-018392	MVP-PRT: 4 PORT WASTE CAP	DIBA INDUSTRIES	009381-4W			1
12	13-018237	MVP-PRT: MDRIVE LINEAR ACTUATOR A	ERIKS	MULTICRL14A4-EQ- LC32073AZ			1
13	13-018241	MVP-PRT: ROUGH NUT	ERIKS			PMMA	2
14	13-018243	MVP-PRT: MDRIVE LINEAR ACTUATOR B	ERIKS	MD131RL14A4-EQ			1
15	13-018351	MVP-PRT: MDRIVE LINEAR ACTUATOR C	ERIKS	MULTICRL14A4-EQ- LC32098A7			1
16	13-018408	MVP-PRT: MOTOR CABLE	ERIKS	PD128-1434-FL3			1
17	13-018399	MVP-PRT: USB CABLE	FARNELL	MD-C-4050001			1
18	13-018399	MVP-PRT: AWG20 CABLES - RED	FARNELL	6714-B0005			1
19	13-018439	MVP-PRT: AWG20 CABLES - BLACK	FARNELL	6714-B0005			1
20	13-018443	MVP-PRT: CABLE SUPPLY	FARNELL	6714-B0005			1
21	13-018443	MVP-PRT: RIBBON CABLE	FARNELL	PSG-IRBN40MM			2
22	13-018210	MVP-PRT: BIG SLIDER	RS COMPONENTS	6122383			1
23	13-018212	MVP-PRT: SMALL RAIL	RS COMPONENTS	6122391			1
24	13-018212	MVP-PRT: BIG SLIDER	RS COMPONENTS	6122391			2
25	13-018212	MVP-PRT: DEKSEL RAIL	RS COMPONENTS	6122391			2
26	13-018277	MVP-PRT: DEKSEL SLIDER	RS COMPONENTS	6122442			1
27	13-018277	MVP-PRT: BIG RAIL	RS COMPONENTS	6122383			1
28	13-018392	MVP-PRT: LOW PRESSURE PUMP	HNP-MIKROSISTEME	MK23651			1
29	13-018392	MVP-PRT: INFLOW FILTER	HNP-MIKROSISTEME	F-M0		AlSi Type 316L stainless steel	1
30	13-018421	MVP-PRT: CERAMIC PUMP CONTROLLER	HNP-MIKROSISTEME	S-KG-21			1
31	13-018357	MVP-PRT: FLANGELESS FITTING PEEK 5/16-24, 1/8" OD	INACOM	XP-130		Polyetheretherketone (PEEK)	1
32	13-018368	MVP-PRT: FITTING PEEK 1/4-28, 1/16" OD	INACOM	XP-235		Polyetheretherketone (PEEK)	1
33	13-018369	MVP-PRT: ADAPTER 1/4-28 x 5/16-24 PEEK	INACOM	P-135		Polyetheretherketone (PEEK)	1
34	13-018373	MVP-PRT: PEEK MANIFOLD 5 Port 1/16"	INACOM	P-154		Polyetheretherketone (PEEK)	1
35	13-018393	MVP-PRT: FITTING PEEK 1/4-28 - 1/8" OD	INACOM	XP-335		Polyetheretherketone (PEEK)	1
36	13-018412	MVP-PRT: PEEK Y CONNECTOR	INACOM	P-514		Polyetheretherketone (PEEK)	1
37	13-018418	MVP-PRT: FITTING PEEK 1/2-20, 1/4" OD	INACOM	U-665		Polyetheretherketone (PEEK)	2
38	13-018419	MVP-PRT: FLANGELESS FITTING PEEK 1/2-20, 1/4" OD	INACOM	XU-655		Polyetheretherketone (PEEK)	2
39	13-018708	MVP-PRT: DELRIN PLUG, 1/4-28 FLAT BOTTOM	INACOM	P-309			5
40	13-018414	MVP-PRT: MEMBRANE PUMP	KNE	NFSKPCDB-4 10-26.4V			1
41	13-018420	MVP-PRT: PTFE TUBING, 1/8" ID, 1/4" OD	PTFE TUBE SHOP	PTFE SLANG 3.2mm x 6.4mm		PTFE (general)	1
42	13-018290	MVP-PRT: ACTUONIX MOTOR	RS COMPONENTS	PQ12-100-6-R			2
43	13-018400	MVP-PRT: BOOILACE PERULE	RS COMPONENTS	28-0921			1
44	13-018416	MVP-PRT: RED BUTTON	RS COMPONENTS	3SU1150-0A820-1CA0			1
45	13-018434	MVP-PRT: MOLEX RECEPTICL	RS COMPONENTS	1-06-0080			4
46	13-018432	MVP-PRT: MOLEX STATE RELAY	RS COMPONENTS	E100010-3			1
47	13-018432	MVP-PRT: OMRON 120mm FLAN	RS COMPONENTS	R89E-D12-38L			1
48	13-018447	MVP-PRT: M8 RUBBER FEEL	RS COMPONENTS	12-4964			4
49	13-016706	M2.5 X 6 SHCS	SAM	DIN 912 A4 M2.5 X 6		AlSi Type 316L stainless steel	4
50	13-016707	M2.5 X 8 SHCS	SAM	DIN 912 A4 M2.5 X 8		AlSi Type 316L stainless steel	1
51	13-016708	M2.5 X 10 SHCS	SAM	DIN 912 A4 M2.5 X 10		AlSi Type 316L stainless steel	4
52	13-016709	M2.5 X 12 SHCS	SAM	DIN 912 A4 M2.5 X 12		AlSi Type 316L stainless steel	12
53	13-016711	M2.5 X 18 SHCS	SAM	DIN 912 A4 M2.5 X 18		AlSi Type 316L stainless steel	2
54	13-016752	M3 X 5 SHCS	SAM	DIN 912 A4 M3 X 5		AlSi Type 316L stainless steel	6
55	13-016753	M3 X 6 SHCS	SAM	DIN 912 A4 M3 X 6		AlSi Type 316L stainless steel	10
56	13-016754	M3 X 8 SHCS	SAM	DIN 912 A4 M3 X 8		AlSi Type 316L stainless steel	6
57	13-016755	M3 X 10 SHCS	SAM	DIN 912 A4 M3 X 10		AlSi Type 316L stainless steel	17
58	13-016756	M3 X 12 SHCS	SAM	DIN 912 A4 M3 X 12		AlSi Type 316L stainless steel	10
59	13-016757	M3 X 16 SHCS	SAM	DIN 912 A4 M3 X 16		AlSi Type 316L stainless steel	8
60	13-016797	M4 X 8 SHCS	SAM	DIN 912 A4 M4 X 8		AlSi Type 316L stainless steel	16
61	13-016798	M4 X 10 SHCS	SAM	DIN 912 A4 M4 X 10		AlSi Type 316L stainless steel	8
62	13-016799	M4 X 12 SHCS	SAM	DIN 912 A4 M4 X 12		AlSi Type 316L stainless steel	6
63	13-016800	M4 X 16 SHCS	SAM	DIN 912 A4 M4 X 16		AlSi Type 316L stainless steel	17
64	13-016802	M4 X 20 SHCS	SAM	DIN 912 A4 M4 X 20		AlSi Type 316L stainless steel	4
65	13-016803	M4 X 25 SHCS	SAM	DIN 912 A4 M4 X 25		AlSi Type 316L stainless steel	4
66	13-016807	M4 X 45 SHCS	SAM	DIN 912 A4 M4 X 45		AlSi Type 316L stainless steel	4
67	13-016809	M4 X 60 SHCS	SAM	DIN 912 A4 M4 X 60		AlSi Type 316L stainless steel	4
68	13-016812	M5 X 10 SHCS	SAM	DIN 912 A4 M5 X 10		AlSi Type 316L stainless steel	15
69	13-016813	M5 X 12 SHCS	SAM	DIN 912 A4 M5 X 12		AlSi Type 316L stainless steel	6
70	13-016814	M5 X 16 SHCS	SAM	DIN 912 A4 M5 X 16		AlSi Type 316L stainless steel	8
71	13-016899	M2.5 HEX NUT	SAM	DIN 934 A4 M2.5		AlSi Type 316L stainless steel	2
72	13-016901	M4 HEX NUT	SAM	DIN 934 A4 M4		AlSi Type 316L stainless steel	4
73	13-017540	M4 FLAT WASHER	SAM	DIN 125 A4 M4		AlSi Type 316L stainless steel	8
74	13-017714	4 X 12 DP	SAM	DIN 7 A1 4m6 X 12		AlSi Type 316L stainless steel	6
75	13-018353	MVP-PRT: FLOW VALVE	SMC NEDERLAND	LVM10R3-5E2U-3-Q			5
76	13-018354	MVP-PRT: 500ML WATER FLASK	THERMOFISHER	2019-300			2
77	13-018352	MVP-PRT: 250ML WATER FLASK	THERMOFISHER	2019-200			2
78	13-018352	MVP-PRT: 2000ML WATER FLASK	THERMOFISHER	2019-2000			2
79	13-018361	MVP-PRT: 1000ML WATER FLASK	THERMOFISHER	2019-1000			2
80	13-018219	MVP-PRT: PRECISION MICRO 4	VITROTEM	13-018219	PRECISION MICRO	304 SS	1
81	13-018218	MVP-PRT: CARTRIDGE	VITROTEM	13-018218	LASERGREEN	PMMA	1
82	13-018293	MVP-PRT: TOP COVER	VITROTEM	13-018293	LASERGREEN	PMMA	1
83	13-018294	MVP-PRT: BACK COVER	VITROTEM	13-018294	LASERGREEN	PMMA	1
84	13-018295	MVP-PRT: SIDE COVER A	VITROTEM	13-018295	LASERGREEN	PMMA	1
85	13-018433	MVP-PRT: SIDE COVER B	VITROTEM	13-018433	LASERGREEN	PMMA	1
86	13-018433	MVP-PRT: FRONT COVER	VITROTEM	13-018433	LASERGREEN	PMMA	1
87	13-018269	MVP-PRT: HEATPIPE	VITROTEM	13-018269	QUICKCOOL	Copper	3
88	13-018206	MVP-PRT: BASE PLATE	VITROTEM	13-018206	SUPE	6061 Alloy	1
89	13-018207	MVP-PRT: BACK PLATE	VITROTEM	13-018207	SUPE	6061 Alloy	1
90	13-018217	MVP-PRT: LOOP HOLDER	VITROTEM	13-018217	SUPE	6061 Alloy	1
91	13-018220	MVP-PRT: LOOP HOLDER INTERFACE	VITROTEM	13-018220	SUPE	1060 Alloy	1
92	13-018224	MVP-PRT: BOTTOM PLATE	VITROTEM	13-018224	SUPE	6061 Alloy	1
93	13-018229	MVP-PRT: FLOWCELL SLIDER	VITROTEM	13-018229	SUPE	6061 Alloy	1
94	13-018232	MVP-PRT: CARTRIDGE PLATFORM	VITROTEM	13-018232	SUPE	6061 Alloy	1
95	13-018233	MVP-PRT: GRID HOLDER	VITROTEM	13-018233	SUPE	PMMA	1
96	13-018234	MVP-PRT: CARTRIDGE LANDING PAD	VITROTEM	13-018234	SUPE	6061 Alloy	1
97	13-018235	MVP-PRT: SET BLOCK	VITROTEM	13-018235	SUPE	6061 Alloy	2
98	13-018236	MVP-PRT: CARTRIDGE LANDING LID	VITROTEM	13-018236	SUPE	Polyetheretherketone (PEEK)	1
99	13-018240	MVP-PRT: DIFFERENTIAL SCREW	VITROTEM	13-018240	SUPE	AlSi Type 316L stainless steel	2
100	13-018242	MVP-PRT: HORIZONTAL MOTOR PLATE	VITROTEM	13-018242	SUPE	6061 Alloy	1
101	13-018265	MVP-PRT: HEATPIPE CLAMP A	VITROTEM	13-018265	SUPE	Copper	1
102	13-018266	MVP-PRT: HEATPIPE CLAMP B	VITROTEM	13-018266	SUPE	Copper	1
103	13-018267	MVP-PRT: LONG AIR	VITROTEM	13-018267	SUPE	6061 Alloy	1
104	13-018268	MVP-PRT: HEATSINK	VITROTEM	13-018268	SUPE	Copper	1
105	13-018270	MVP-PRT: SHORT AIR	VITROTEM	13-018270	SUPE	6061 Alloy	1
106	13-018271	MVP-PRT: FLOWCELL COVER	VITROTEM	13-018271	SUPE	Polyetheretherketone (PEEK)	1
107	13-018272	MVP-PRT: DIVIDER PLATE A	VITROTEM	13-018272	SUPE	6061 Alloy	1
108	13-018273	MVP-PRT: DIVIDER PLATE B	VITROTEM	13-018273	SUPE	6061 Alloy	1
109	13-018274	MVP-PRT: HEATSINK CLAMP	VITROTEM	13-018274	SUPE	6061 Alloy	1
110	13-018275	MVP-PRT: FLOWCELL COVER BRACKET	VITROTEM	13-018275	SUPE	6061 Alloy	1
111	13-018278	MVP-PRT: LEFT BRACE CONNECTOR	VITROTEM	13-018278	SUPE	6061 Alloy	1
112	13-018279	MVP-PRT: RIGHT BRACE CONNECTOR	VITROTEM	13-018279	SUPE	6061 Alloy	1
113	13-018285	MVP-PRT: VALVE PLATE	VITROTEM	13-018285	SUPE	6061 Alloy	1
114	13-018286	MVP-PRT: ACTUATOR BRACKET	VITROTEM	13-018286	SUPE	6061 Alloy	1
115	13-018287	MVP-PRT: CARTRIDGE BRACKET	VITROTEM	13-018287	SUPE	6061 Alloy	1
116	13-018288	MVP-PRT: BOTTOM TRAY B	VITROTEM	13-018288	SUPE	Polyetheretherketone (PEEK)	1
117	13-018289	MVP-PRT: BOTTOM TRAY A	VITROTEM	13-018289	SUPE	Polyetheretherketone (PEEK)	1
118	13-018292	MVP-PRT: LOOP HOLDER CLIP	VITROTEM	13-018292	SUPE	Polyetheretherketone (PEEK)	1
119	13-018301	MVP-PRT: HOUSING CONNECTION A	VITROTEM	13-018301	SUPE	6061 Alloy	4
120	13-018309	MVP-PRT: COPPER JACKET	VITROTEM	13-018309	SUPE	Copper	1
121	13-018313	MVP-PRT: MOTOR / RAIL BRACKET A	VITROTEM	13-018313	SUPE	6061 Alloy	1
122	13-018314	MVP-PRT: MOTOR / RAIL BRACKET B	VITROTEM	13-018314	SUPE	6061 Alloy	1
123	13-018410	MVP-PRT: FLOWCELL	VITROTEM	13-018307	SUPE	Polyetheretherketone (PEEK)	1
124	13-018425	MVP-PRT: HOUSING CONNECTION B	VITROTEM	13-018301	SUPE	6061 Alloy	4
125	13-018446	MVP-PRT: PATCH PANEL FOR PSU	VITROTEM	13-018446	SUPE	6061 Alloy	1
126	13-018730	MVP-PRT: SS SPRING	RS COMPONENTS	821-524			2
127	13-018716	MVP-PRT: PELTIER PSU SUPPORT	VITROTEM	13-018716		PMMA	1
128	13-018717	MVP-PRT: PELTIER HOLDER BRACKET	VITROTEM	13-018717		PMMA	1
129	13-018720	MVP-PRT: PELTIER EL PLATE	VITROTEM	13-018720		PMMA	1
130	13-018720	MVP-PRT: TC HOLDER BRACKET	VITROTEM	13-018720		PMMA	1
131	13-018737	MVP: PCB	VITROTEM	13-018737			1
132	13-018738	MVP: PCB BRACKET	VITROTEM	13-018738		Material <not specified>	1



Metric thread according to ISO 6g / 6H				Finish: Free from burrs and undamaged					
UNLESS NOTED		Break corners maximum 0.5x45° / R maximum 0.5					Refer to STEP file is dimension is not noted		
Dimensions in mm		0.5 - 3	3-6	6-30	30-120	120-400		400-1000	
Tol. acc. to ISO 2768-1 f		±0.05	±0.05	±0.1	±0.15	±0.2		±0.3	
Remark:				Part name: MVP					
Revision	C	Date	13/12/2021						
Drawn by	T. GRANDSAERT	Date	12/10/2021						
Checked by	T. GRANDSAERT	Date	13/12/2021						
vitroTEM				MATERIAL:		DRW NO. 13-018205		Size A2	
				WEIGHT: 23742.76 g		SCALE:1:5		Project. 	
								SHEET 1 OF 1	