

U&C Block Sintering Schedule

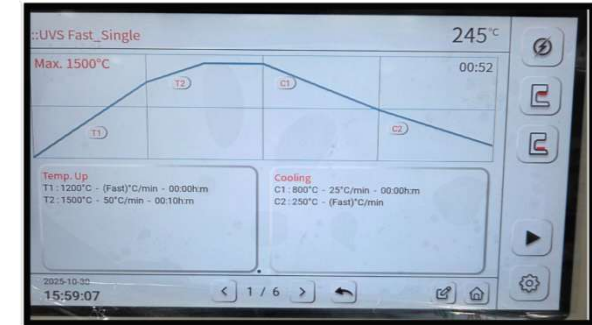
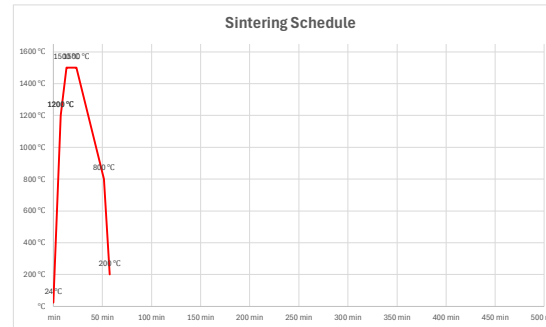
Everest UVS Sintering Schedule

(Fast Sintering)

Single Only

step	Initial temp	Set temp	Heating rate	Holding time	Heating Time	Total Process time
1	25 °C	1200 °C	160 °C/min	min	7 min	7 min
2	1200 °C	1500 °C	50 °C/min	10 min	6 min	16 min
3	1500 °C	800 °C	-25 °C/min	min	28 min	28 min
4	800 °C	200 °C	-100 °C/min		6 min	6 min
5						
6						

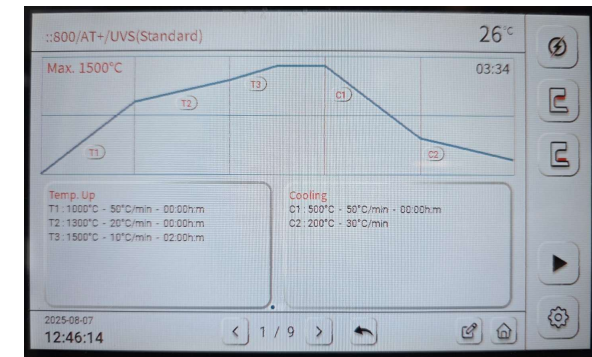
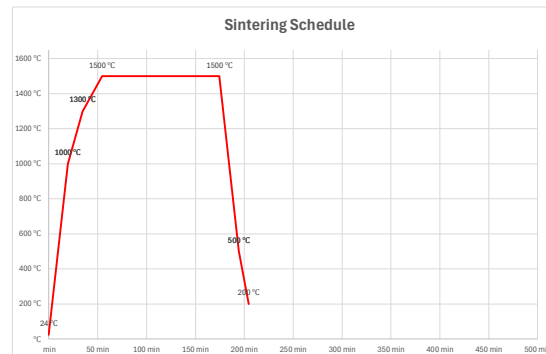
Total time 57 min



Below 6units

step	Initial temp	Set temp	Heating rate	Holding time	Heating Time	Total Process time
1	25 °C	1000 °C	50.0 °C/min	min	20 min	20 min
2	1000 °C	1300 °C	20.0 °C/min	min	15 min	15 min
3	1300 °C	1500 °C	10 °C/min	120 min	20 min	140 min
4	1500 °C	500 °C	-50 °C/min	min	20 min	20 min
5	500 °C	200 °C	-30 °C/min		10 min	10 min
6						

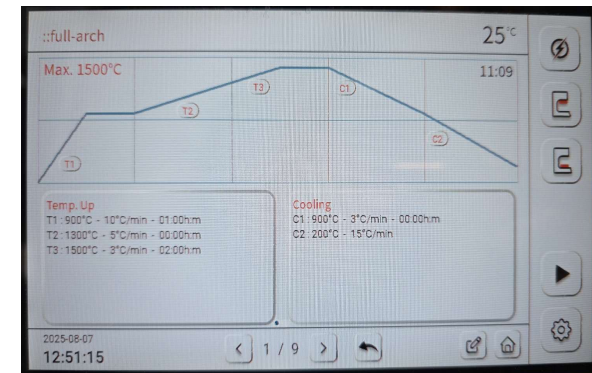
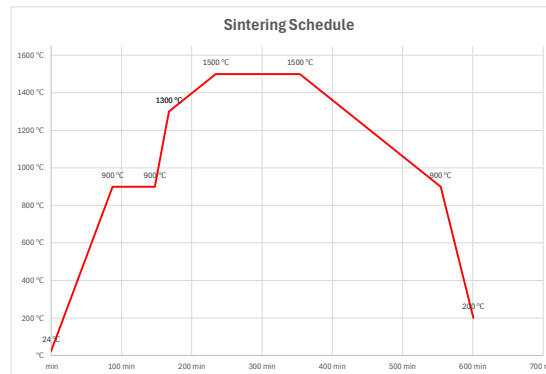
Total time 205 min



Above 7units

step	Initial temp	Set temp	Heating rate	Holding time	Heating Time	Total Process time
1	25 °C	900 °C	10.0 °C/min	60 min	88 min	148 min
2	900 °C	1300 °C	5.0 °C/min	min	80 min	80 min
3	1300 °C	1500 °C	3 °C/min	120 min	67 min	187 min
4	1500 °C	900 °C	-3 °C/min	min	200 min	200 min
5	900 °C	200 °C	-15 °C/min		47 min	47 min
6						

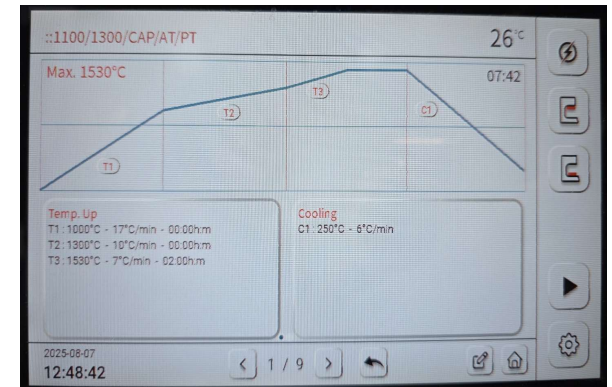
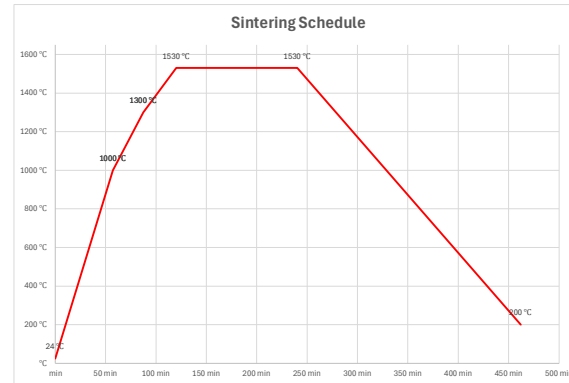
Total time 661 min



Everest AT Sintering Schedule (Below 6units)

step	Initial temp	Set temp	Heating rate	Holding time	Heating Time	Total Process time
1	25 °C	1000 °C	17.0 °C/min	min	57 min	57 min
2	1000 °C	1300 °C	10.0 °C/min	min	30 min	30 min
3	1300 °C	1530 °C	7 °C/min	120 min	33 min	153 min
4	1530 °C	200 °C	-6 °C/min	min	222 min	222 min
5						
6						

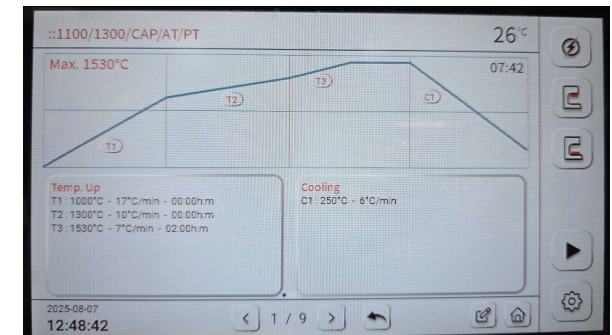
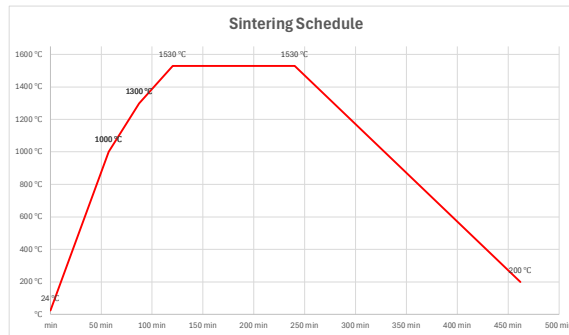
Total time 462 min



Everest PT Sintering Schedule (Below 6units)

step	Initial temp	Set temp	Heating rate	Holding time	Heating Time	Total Process time
1	25 °C	1000 °C	17.0 °C/min	min	57 min	57 min
2	1000 °C	1300 °C	10.0 °C/min	min	30 min	30 min
3	1300 °C	1530 °C	7 °C/min	120 min	33 min	153 min
4	1530 °C	200 °C	-6 °C/min	min	222 min	222 min
5						
6						

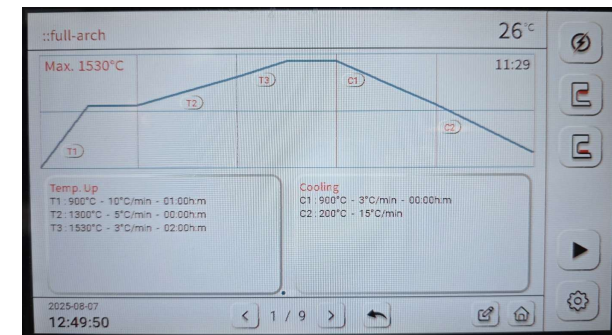
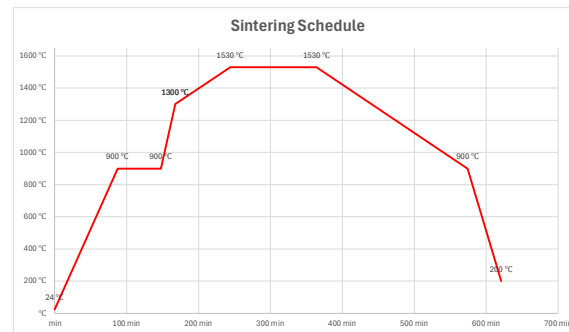
Total time 462 min



Everest PT Sintering Schedule (Above 7units)

step	Initial temp	Set temp	Heating rate	Holding time	Heating Time	Total Process time
1	25 °C	900 °C	10.0 °C/min	60 min	88 min	148 min
2	900 °C	1300 °C	5.0 °C/min	min	80 min	80 min
3	1300 °C	1530 °C	3 °C/min	120 min	77 min	197 min
4	1530 °C	900 °C	-3 °C/min	min	210 min	210 min
5	900 °C	200 °C	-15 °C/min	min	47 min	47 min
6						

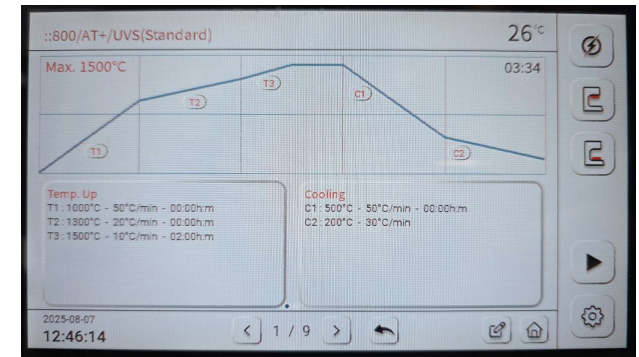
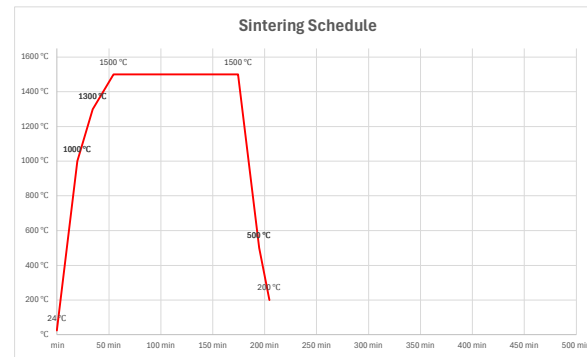
Total time 681 min



Razor 800 Sintering Schedule (Below 6units)

step	Initial temp	Set temp	Heating rate	Holding time	Heating Time	Total Process time
1	25 °C	1000 °C	50.0 °C/min	min	20 min	20 min
2	1000 °C	1300 °C	20.0 °C/min	min	15 min	15 min
3	1300 °C	1500 °C	10 °C/min	120 min	20 min	140 min
4	1500 °C	500 °C	-50 °C/min	min	20 min	20 min
5	500 °C	200 °C	-30 °C/min		10 min	10 min
6						

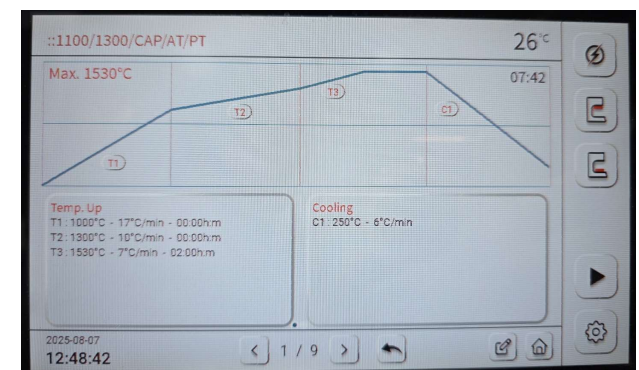
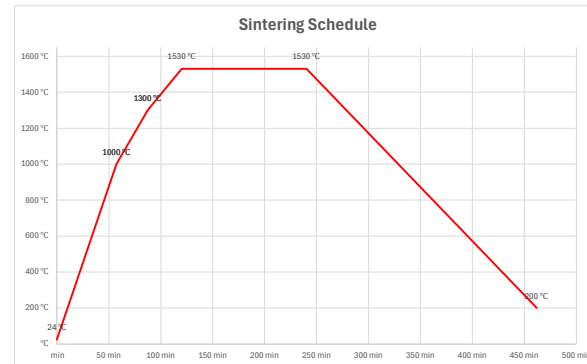
Total time 205 min



Razor 1100 Sintering Schedule (Below 6units)

step	Initial temp	Set temp	Heating rate	Holding time	Heating Time	Total Process time
1	25 °C	1000 °C	17.0 °C/min	min	57 min	57 min
2	1000 °C	1300 °C	10.0 °C/min	min	30 min	30 min
3	1300 °C	1530 °C	7 °C/min	120 min	33 min	153 min
4	1530 °C	200 °C	-6 °C/min	min	222 min	222 min
5						
6						

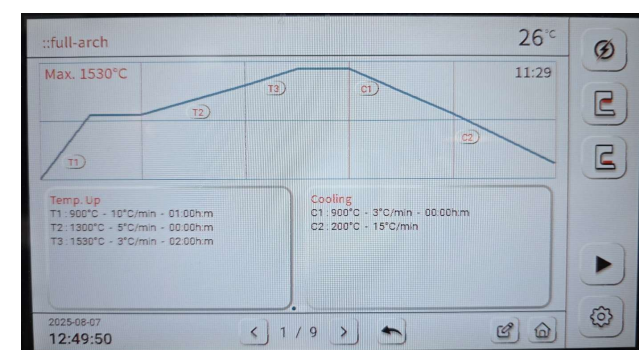
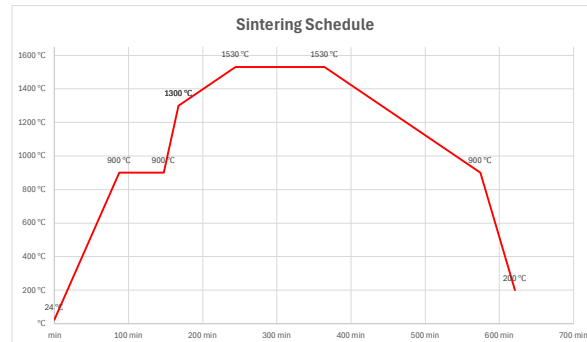
Total time 462 min



Razor 1100 Sintering Schedule (Above 7units)

step	Initial temp	Set temp	Heating rate	Holding time	Heating Time	Total Process time
1	25 °C	900 °C	10.0 °C/min	60 min	88 min	148 min
2	900 °C	1300 °C	5.0 °C/min	min	80 min	80 min
3	1300 °C	1530 °C	3 °C/min	120 min	77 min	197 min
4	1530 °C	900 °C	-3 °C/min	min	210 min	210 min
5	900 °C	200 °C	-15 °C/min		47 min	47 min
6						

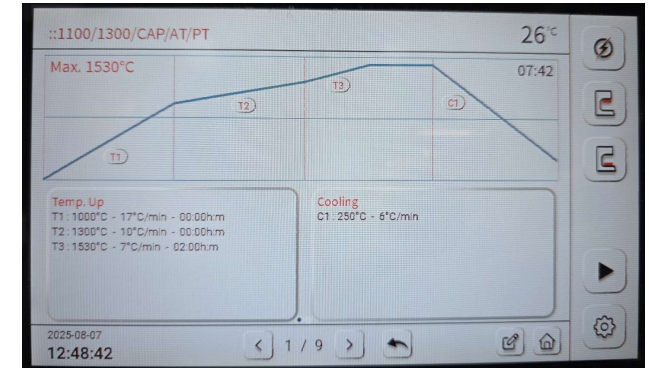
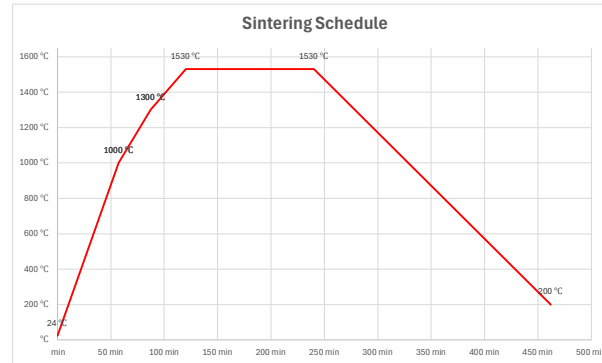
Total time 681 min



Razor 1300 Sintering Schedule (Below 6units)

step	Initial temp	Set temp	Heating rate	Holding time	Heating Time	Total Process time
1	25 °C	1000 °C	17.0 °C/min	min	57 min	57 min
2	1000 °C	1300 °C	10.0 °C/min	min	30 min	30 min
3	1300 °C	1530 °C	7 °C/min	120 min	33 min	153 min
4	1530 °C	200 °C	-6 °C/min	min	222 min	222 min
5						
6						

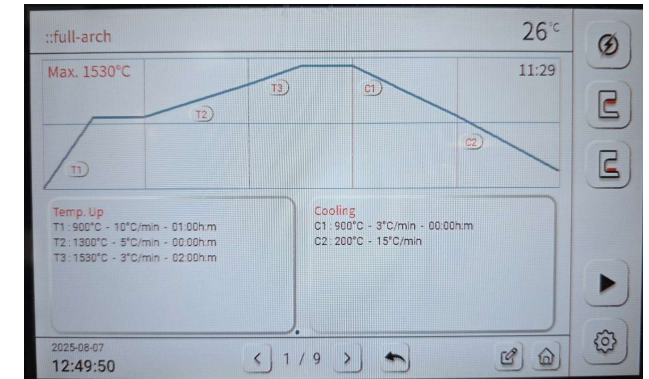
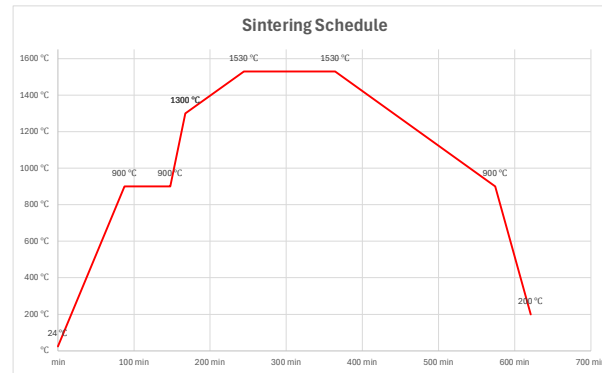
Total time 462 min



Razor 1300 Sintering Schedule (Above 7units)

step	Initial temp	Set temp	Heating rate	Holding time	Heating Time	Total Process time
1	25 °C	900 °C	10.0 °C/min	60 min	88 min	148 min
2	900 °C	1300 °C	5.0 °C/min	min	80 min	80 min
3	1300 °C	1530 °C	3 °C/min	120 min	77 min	197 min
4	1530 °C	900 °C	-3 °C/min	min	210 min	210 min
5	900 °C	200 °C	-15 °C/min	min	47 min	47 min
6						

Total time 681 min



Razor Cap Sintering Schedule (Below 6units)

step	Initial temp	Set temp	Heating rate	Holding time	Heating Time	Total Process time
1	25 °C	1000 °C	17.0 °C/min	min	57 min	57 min
2	1000 °C	1300 °C	10.0 °C/min	min	30 min	30 min
3	1300 °C	1530 °C	7 °C/min	120 min	33 min	153 min
4	1530 °C	200 °C	-6 °C/min	min	222 min	222 min
5						
6						

Total time 462 min

