CPC 1000 PRO Approx. Daily Input and Solvent Consumption

THC Removal (produce broad spectrum product)
17 min run time (12 min elution, 5 min extrusion)*

Solvent Consumption Per Run

	Heptane	Methanol	Water	Total	Total - Heptane
Volume (L)	.930	1.155	.315	2.4	1.47

Solvent Consumption Per 8 Hours (3.5 runs/hour)

	Heptane	Methanol	Water	Total	Total - Heptane
Volume (L)	26.0	32.3	8.8	67.1	41.1

Solvent Consumption Per 24 Hours (3.5 runs/hour)

	Heptane	Methanol	Water	Total	Total - Heptane
Volume (L)	78.0	96.9	26.4	201.3	123.3

Sample Input**

Load per run	50 g
Load per hr (3.5 runs/hr)	175 g
Load per 8 hr	1.4 kg
Load per 24 hr	4.2 kg

CBD Isolation (produce CBD isolate without THC or other cannabinoids)
30 min run time (25 min elution, 5 min extrusion)*

Solvent Consumption Per Run

	Heptane	Methanol	Water	Total	Total - Heptane
Volume (L)	2.280	1.155	.315	3.75	1.47

Solvent Consumption Per 8 Hours (2 runs/hour)

	Heptane	Methanol	Water	Total	Total - Heptane
Volume (L)	36.5	18.5	5	59.5	23.5

Solvent Consumption Per 24 Hours (2 runs/hour)

	Heptane	Methanol	Water	Total	Total - Heptane
Volume (L)	109.5	55.5	15	180	70.5

Sample Input**

Load per Run	50 g
Load per hr (2 runs/hr)	100 g
Load per 8 hr	800 g
Load per 24 hr	2.4 kg

* Not accounting for stationary phase loading and equilibration in the first method iteration of a sequence. These are estimates - solvent consumption will vary depending on how the run is optimized with your material.
** Sample input can vary based on pre-CPC processing. More pre-processing steps before CPC typically allows for a larger load amount. Loading straight crude with minimal pre-processing allows for a smaller load amount.

LKP 24May2019