

CBD & THC Purification



1.5 - 3.0 kg in 8 hours

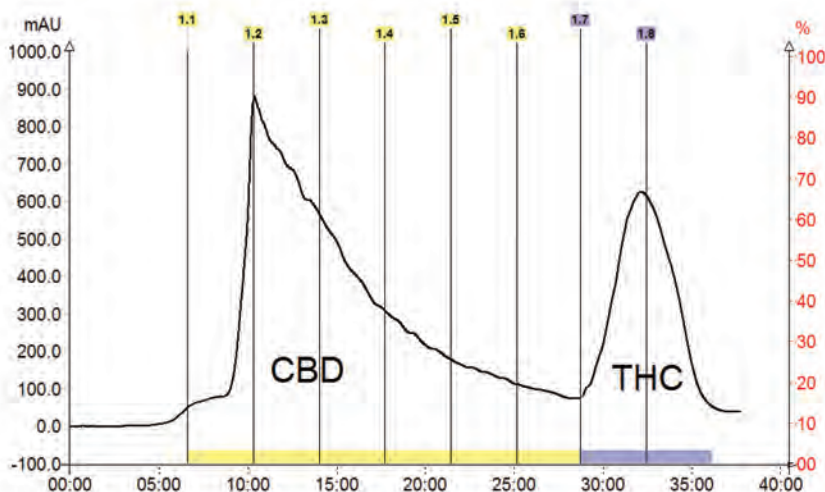
CBD purification is achieved using reverse phase flash chromatography. A bench-top unit supports this technique with ease and simplicity. A 15 inch touch screen interface displays all operating aspects of the run in progress. A UV diode array detects the cannabinoids which are collected in 1 liter flasks or diverted to high capacity carboys with a funnel rack.

This example shows a 100 gram distillate sample which is purified in under 40 minutes.

Model	Throughput	Flow Rate
ITM-420	1.5 kg	1 - 300 ml/min
ITM-800	3.0 kg	1 - 800 ml/min

Larger systems are custom made and utilize dynamic axial compression columns with diameters up to 1 meter

Interchim is a well established manufacturer of low and high pressure chromatography instruments. The company was founded in 1970 to provide innovative products to pharmaceutical R&D. A wealth of experience has been applied to provide the cannabis market with a simple and cost effective purification solution.



- ◆ Run unattended with sequence programming
- ◆ Small Footprint, ITM-420 (35 cm wide)
- ◆ Install on a Bench, Outside the Fume Hood
- ◆ Windows 10 interface
- ◆ 38 cm HD Touch Screen Controller
- ◆ >95% Recovery, 1.0 mAU UV Threshold



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