

Centrifugal Partition Chromatography (CPC) System



CPC is a purification technique that does not require traditional solid supports like silica; two non-miscible phases are used, one as the mobile phase and the other as the stationary phase

Application

From non polar carotenoids to very polar peptides and proteins, CPC allows us to obtain high purity molecules from all kind of matrices using the same column:

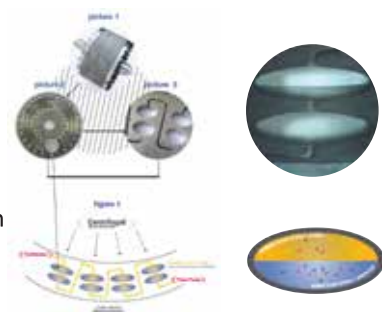
- ◆ Biological samples
- ◆ Natural products
- ◆ Synthetic mixtures
- ◆ Petroleum extracts
- ◆ Enantiomers



SPOT SCPC

Advantages of CPC

- ◆ 100% sample recovery
- ◆ No on-column degradation
- ◆ New column every run
- ◆ Full polarity coverage in one run
- ◆ Linear scale up
- ◆ Reduce solvent consumption



Modular System



SCPC



UV Detector



Tablet PC with AGCPC Software



Fraction Collector

Integrated System



Integrated CPC-Prep LC System

True Moving Bed CPC System



Armen TMB CPC

Industrial CPC System



Armen SCPC-12.5L