

# 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:

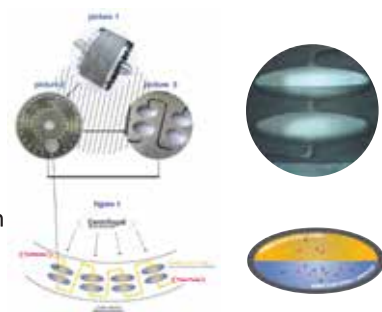
- ◆ Biological samples
- ◆ Natural products
- ◆ Synthetic mixtures
- ◆ Petroleum extracts
- ◆ Enantiomers



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