



Rapid CO₂ Extraction of Natural Products



The **SP-Series CO₂ Extractors** were developed by SFT specifically for the processing of natural products. Their design is based on our knowledge obtained from 25 years of experience building supercritical fluid CO₂ extraction and high pressure equipment to serve the needs of the pharmaceutical industry, government agencies, and university researchers.

The **SP-Series CO₂ Extractors** excel in obtaining high yields in a short time. Speed and efficiency are always of prime importance. These extractors process more feedstock per hour than much larger, more costly equipment. Operating at high flow rates and at high pressure results in a complete extraction in the shortest time possible.

Optional equipment to remove chlorophyll and recirculate the CO₂ is available for all **SP-Series CO₂ Extractors**. Our proprietary color remediation module (CRM) removes up to 99.5% of chlorophyll from the crude oil while the extraction is taking place, not as a post-processing step. Our CO₂ Recycle Module recovers 95% of the CO₂ used per extraction, minimizing the time required to change out CO₂ tanks.



▲ SFT-SP1100 Extractor



▲ SFT-SP3100 Extractor



▲ SFT-SP3500 Extractor

Optional Accessories



▲ CO₂ Recycle Unit



▲ Blixer™ 23



▲ Blixer™ 3



▲ Sample Loader



▲ 150 Micron Sample Bag



▲ Color Remediation Module

Common Applications

Natural Products
Spices
Herbs
Biologically Active Molecules
Vitamins
Hemp and Cannabis