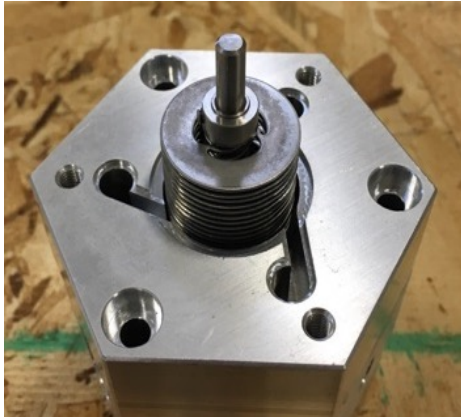


SDR - Spinning Disc Reactor Oil Extraction Technology

Spinning Disc Reactor



Spinning Disc Reactor

Infinity Supercritical is developing a SDR that can be used for botanical oils extraction using distilled water. An industry first, this technique is completely organic, and an extraction method which does not use hydrocarbons or CO2. The true benefit of this technology is the continuous feed, and flow of material, which reduces the footprint and cost of acquisition and operation.

Organic Oil Extraction

Cool Process = Preserves Terpenes



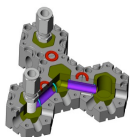
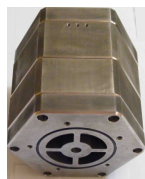
Legacy Technology: Batch Processing

Bulk production requires large equipment, and lengthy times to process botanicals. Industrial batch reactors use complex mixing and cooling systems that take hours to start and finish a process.



New Technology: SDR Continuous Flow Processing

The SDR Spinning Disc Reactor provides a shearing force on botanicals using distilled water as the solvent. This organic method of extraction can produce two truckloads of product a day from one spinning disc reactor about the size of a coffee machine.



Infinity Modular Block
Rapid Prototyping
Industrial Lego

