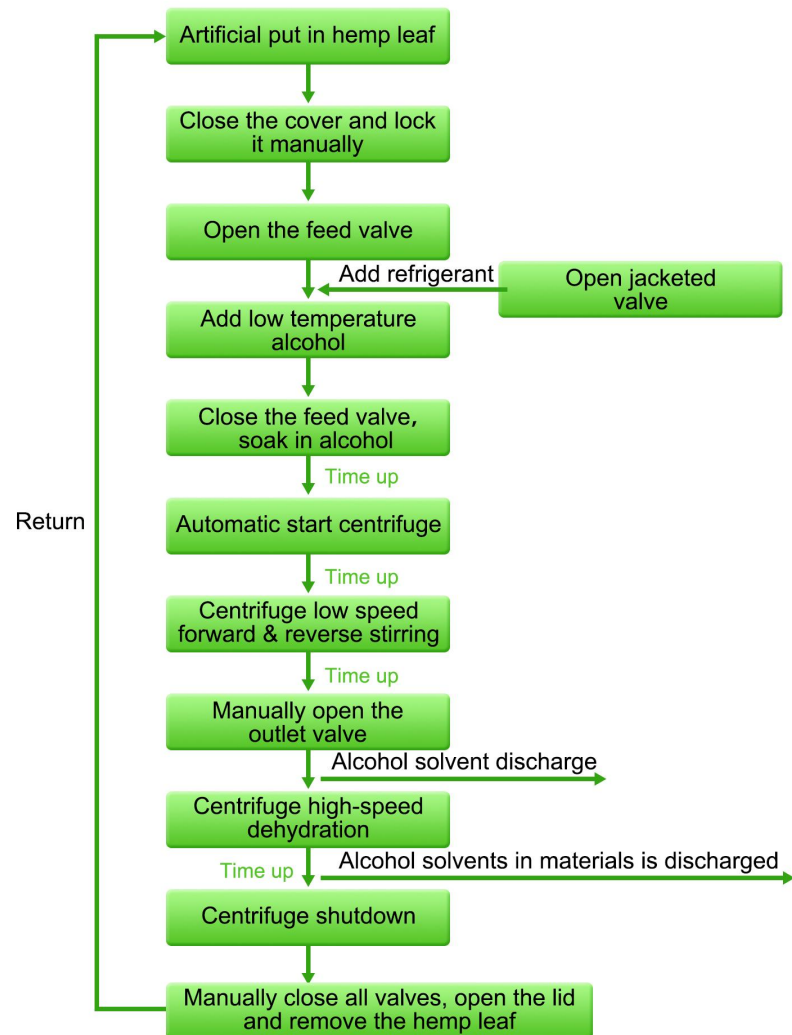




Work Process

Centrifuge alcohol extraction process flow chart



XI'AN TOPTION INSTRUMENT CO.,LTD



Centrifuge



Centrifuge

TOPTION TOP-C series ethanol extraction centrifuge has a high degree of automation, large processing capacity, convenient operation and maintenance, and can realize remote control. Its special structure allows the working temperature to be as low as -80°C , prevents the volatilization of ethanol, and improves production efficiency.



Integrated explosion-proof control cabinet.

Standard Configurations

EX external split PLC operation to meet higher explosion-proof requirements.



Upgrade Fully Automatic Configurations



15lbs~220lbs
batch



98%
Extraction rate



97%
Ethanol removal



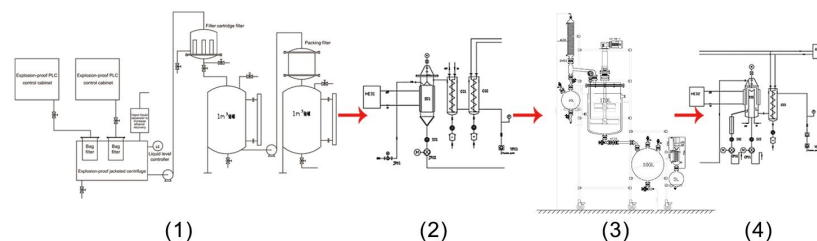
Cryogenic centrifugal extraction

(1) Cryogenic centrifugal extraction

(2) Remove reagent

(3) Decarburization tank

(4) Molecular distillation



Technical parameter

Main parameters	TOP-C15	TOP-C30	TOP-C50	TOP-C110	TOP-C160	TOP-C220
Vessel diameter(inch)	12	18	24	32	40	47
Vessel volume(L)	18	48	110	251	393	565
Biomass/batch (lbs)	15	30	50	110	160	220
Alcohol solvent (L)	57	110	201	377	546	745
Standard Max speed(r/min)	3000	2000	1500	1000	900	700
Optional 1:speed	4000	3000	2000	1500	1200	1000
Main motor power (kw)	2.2/3	3/4	5.5/7.5	7.5/11	11.0/15	18.5/22
Vessel load-bearing (lbs)	25	50	100	320	450	540
Dimension (L*W*H)mm	850*610*900	980*680*1000	1350*990*1300	1700*1200*1500	1970*1400*1500	2200*1700*1500
Machine weight(kg)	≈300	≈500	≈800	≈1400	≈1900	≈2500