

WORLD LEADER IN SOLVENTLESS TECHNOLOGY

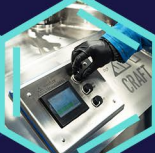
Equipment Brochure



EQUIPMENT



OH



WT-MICRO



CAPACITY PER TANK

Up to 6kg Dry Material
Up to 20kg Fresh Frozen



RUNTIME

0.5-2 Hours



EXPECTED YIELD

FF Output 2-7%
Dry Output 10-30%



ELECTRICAL

Single Phase
30A Line Fuse
230V



FOOTPRINT

5' x 6.1' x 4.4'

AGITATOR

Patent Pending Double Torus Flow Pattern
220 Micron SS False Bottom
Continuous Flow Cycle
Sanitary Process Pump with Casing Drain
Fresh Water Distribution Via 3-Way Sanitary Ball Valve

SEPARATOR

Custom, Hash Specific Design
Automatic Product Discharge
Highly Adjustable 3D Vibrations
Easy to Clean and Maintain
Continuous Flow Filtration

RECIRCULATION CONTAINER

Ice Storage

COLLECTION UNIT

Auto Hash Collection
Removable False Bucket
Snap Lock Collection Bags
Sloped Bottom for 100% Drainage
Sanitary Drain Valve
Pharmaceutical-Grade Construction and Finish



WT-CRAFT^{plus}



CAPACITY PER TANK

Up to 12kg Dry Material
Up to 40kg Fresh Frozen



RUNTIME

0.5-2 Hours



EXPECTED YIELD

FF Output 2-7%
Dry Output 10-30%



ELECTRICAL

Single Phase
30A Line Fuse
230V



FOOTPRINT

8' x 5' 6"

AGITATOR

Patent Pending Double Torus Flow Pattern
220 Micron SS False Bottom
Continuous Flow Cycle
Sanitary Process Pump with Casing Drain
Fresh Water Distribution Via 3-Way Sanitary Ball Valve
Glycol Jacket with PLC Controlled Thermostat
Custom Laser-Etched Logo

SEPARATOR

Custom, Hash Specific Design
Automatic Product Discharge
Highly Adjustable 3D Vibrations
Easy to Clean and Maintain
Continuous Flow Filtration

CATCHMENT RESERVOIR

Process Water Storage

COLLECTION UNIT

Auto Hash Collection
Snap Lock Collection Bags
Sloped Bottom for 100% Drainage
Sanitary Drain Valve
Pharmaceutical-Grade Construction and Finish



WT-2000



CAPACITY PER TANK

Up to 54kg Dry Material
Up to 160kg Fresh Frozen



RUNTIME

1-4 Hours



EXPECTED YIELD

FF Output 2-7%
Dry Output 10-30%



ELECTRICAL

3 Phase
70-80A Line Fuse
480V or 600V



FOOTPRINT

500+ sq. ft.
16'+ Ceiling Height



CLEAN IN PLACE (CIP)

Custom Design
CIP System with Dynamic Spray
Balls

FLOW CONTROL

Touch Screen Controls
Swing Link Panel

AGITATOR

Patent Pending Torus Flow Pattern
220 Micron SS False Bottom

RESERVOIR TANK

Process Water Storage

CATCHMENT TANK

Re-Circulated Water

SEPARATOR

Skid Mounted
Hash Separation
Containment Catch
Automatic Vibratory Separation

PUMPS

Alfa Laval LKH Prime Process Pumps
Baldor SS Motors

HASH COLLECTION

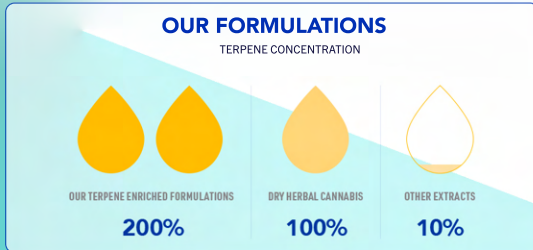
Hash Collection 220-25 μ
Hash Stays Saturated and Cold



Terpene Enriched Cannabis Oil

With the TR series, we provide a proprietary process to extract the cannabinoids and aromatic volatile compounds present in fresh bubble hash or any resin, into an edible oil base, and then decarboxylate in a single vessel reaction.

- Achieve a full spectrum edible oil within 24 hours
- Lower cost than competition, without any safety regulations like solvent extraction
- Higher terpene-to-cannabinoid ratio than dry flower
- Superior flavour and fragrance compared to oils prepared with solvents



TR-25



INPUT

Up to 6kg Wet Hash



PRODUCTION CYCLE TIME

10-14 Hours



EXPECTED YIELD

95-99% Efficiency
Up to 12.5L Finished Oil



SPACE

86 Sq. Ft.

ELECTRICAL SKID

PLC Control System

FILTER FRIEND

Mesh Size: 5-25 Micron
Proprietary Oil Decanting System
Clear Tube and Pinch Valve Below Filter to Accurately Dispense Oil

TERP REACTOR

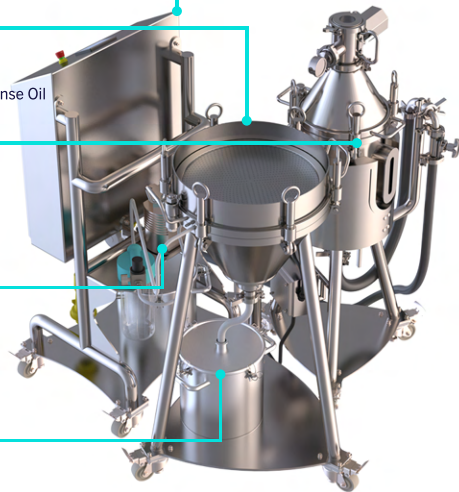
Reactor Volume 25L (6.6 USG)
View Port
Pharma Grade Temperature Probe
316L Wetted Materials, 8 RA Wetted Surface
Viton Seals

VACUUM PUMP

Liquid Trap Included to Safeguard Pump
Flexible Transparent Vacuum Lines
PFA
Variable Pressure up to a Maximum of 99% of
Atmospheric Pressure

COLLECTION VESSELS

2x Large (20L) Collection Vessels
1x Small (4L) Collection Vessel
316L Container and Lid
10 RA Surface Finish



TR-50



INPUT

Up to 12.6kg Wet Hash



PRODUCTION CYCLE TIME

12-16 Hours



EXPECTED YIELD

95-99% Efficiency
Up to 25L Finished Oil



SPACE

100+ Sq. Ft.

ELECTRICAL SKID

PLC Control System

FILTER FRIEND

Mesh Size: 5-25 Micron
Proprietary Oil Decanting System
Clear Tube and Pinch Valve Below Filter to Accurately Dispense Oil

TERP REACTOR

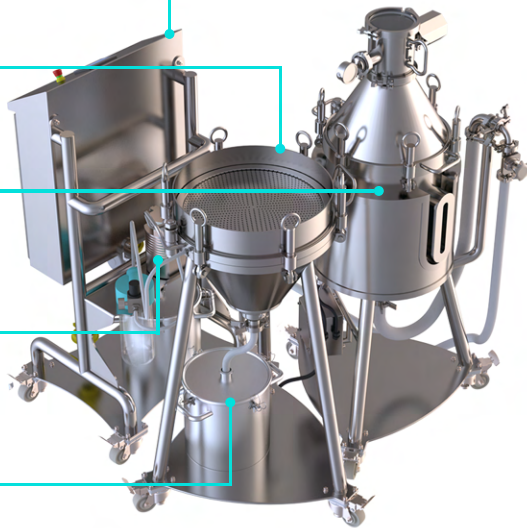
Reactor Volume 50L (13.2 USG)
View Port
Pharma Grade Temperature Probe
316L Wetted Materials, 8 RA Wetted Surface
Viton Seals

VACUUM PUMP

Liquid Trap Included to Safeguard Pump
Flexible Transparent Vacuum Lines
PFA
Variable Pressure up to a Maximum of 99% of Atmospheric Pressure

COLLECTION VESSELS

3x Large (20L) Collection Vessels
2x Small (4L) Collection Vessels
316L Container and Lid
10 RA Surface Finish



TR-200



INPUT

Up to 50kg Wet Hash



PRODUCTION CYCLE TIME

18-24 Hours



EXPECTED YIELD

95-99%+ Efficiency
Up to 100L Finished Oil



SPACE

150+ Sq. Ft.



CLEAN IN PLACE

Custom Design
CIP System with Dynamic
Spray Balls

HEATER

Control Panel

REACTION VESSEL

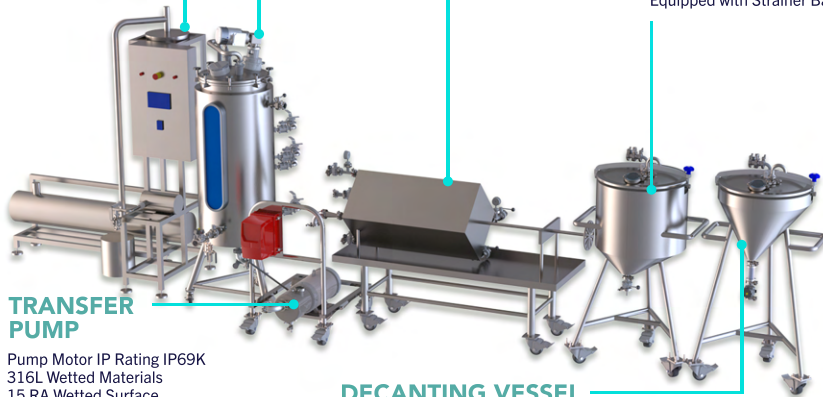
316L Wetted Materials
Top Entry Agitation
Integrated CIP

FILTER PRESS

316L Wetted Materials
15 RA Wetted Surface
FKM Seals
Filtered Particle Size

COLLECTION VESSEL

316L Wetted Materials
8 RA Wetted Surface
FKM Seals
Diaphragm Valve Drain
Equipped with Strainer Basket



TRANSFER PUMP

Pump Motor IP Rating IP69K
316L Wetted Materials
15 RA Wetted Surface
FKM Seals
3-A Standard Drain Port

DECANTING VESSEL

316L Wetted Materials
8 RA Wetted Surface
FKM Seals
Diaphragm Valve Drain

GMP PACKAGES



OH



cGMP & EU-GMP Packages

All Whistler Technologies systems are designed with strict compliance to Bioprocess Equipment Standards (ASME BPE 2016). This ensures easy cleaning, 100% drainage, and general compliance with even the most stringent pharmaceutical or medical standards.

- ◆ Pharmaceutical components and design principles
- ◆ Clean in Place (CIP)
- ◆ Custom GMP packages to meet your needs
 - ◆ Customizable Deliverables

