



# FULLMELT FILTRATION CONSULTING SERVICES

## OVERVIEW

With more than 10 years experience in the research and development of cannabis filtration methods and techniques, the progression from artisan craft hashish to a fully fledged business came naturally during 2018. Since the formation of FullMelt Filtration our company has grown to become one of South Africa's leading manufacturers of Bubble Hash (BH) filtration equipment. In early 2020 our company formed a collaborative research partnership with the Institute of Chemical and Bio-Technology's Cannabis Research Division (ICBT) at the Vaal University of Technology (VUT) for further Research and Development of bubble hash filtration equipment, the collaborative partnership with these institutions of higher learning gives FullMelt Filtration products, methods and techniques a scientific edge and major advantage in the cannabis filtration sector.

FullMelt Filtration offers our clients professional consultations and training programs in the art of bubble hash filtration in order to assist our valued clients to circumvent costly mistakes made by most new extractors. Our representatives work on a close and personal level with all our clients in teaching them the correct techniques and methods for the perfection in the craft of making bubble hash and other solventless concentrates. Our training programs include from the history of hashish to the best practices, in the preparation, processing and drying to concentrates for the medicinal and recreational market sectors.

Our business model concentrates on both private and commercial clients and our representatives are looking forward in teaching you the fine art of Craft Bubble Hash filtration.

## BRIEF SUMMARY OF THE TOPICS COVERED

- A brief History of the Art form
- The world leaders in the craft and some words of wisdom from the Pro's
- A brief run down on tools, water, material and temperatures
- In Practice and Theory
- How to grade material before processing

## IN THEORY:

Giving you or your client a better understanding of the quality of the material being processed.

This also gives you the ability as the Hash maker to determine beforehand whether a specific cultivar is worth your time and effort to process.

High quality material often requires special conditions to get the most out of the material.

We will go through and determine physically on material whether the material is of a quality that will return a product that is expected or is it best to process the material in another manner.

## IN PRACTICE

In the practical we learn to use a 40x jeweller's loop to evaluate the size, shape and density of trichome coverage on the material and how these visual cues relate to a cultivars washing potential.

We will also use several physical techniques to practically evaluate a cultivars ability to release trichome heads due to factors like general ripeness of the present heads or physical shape and size of the heads present on the material.

Learn to evaluate the quality of material you are processing before committing large volumes of material.

### CLEANING THE MATERIAL BEFORE PROCESSING

An essential part of the Bubble Hash making process  
Learn to use organic solutions to rinse material of the following contaminates before processing.

- Dust
- Dirt
- Mold or mildew
- Insect frass and bird faeces
- Lawn trimmings
- Compost tea residues
- Etc..

This rinsing technique dramatically increases the quality of the final material as the material sifted will be rinsed of a larger portion of potential contaminates found on the plant or on the heads themselves.

Rinsing plants should be commonplace in Hash making and even when processing the material for consumption.

You will be amazed at what the plants hold on to throughout their growing lives especially when grown outside or with organic inputs.

### Dry material vs Fresh Frozen material vs Cured material

- Pro's and Con's of each
- What are the differences?
- Accounting for these differences
- How to process each preparation of material
- Tips from the Pro's

## Keeping it cold

- Options on how to keep it cold
- Working in a cold room
- Why keeping it cold is so important
- How to mediate warmer conditions
- When to wash and where to wash
- How much ice is enough ice
- Cold spraying and the ice cream scoop
- Tips from the Pro's

## Cleanliness is next to godliness

- Cleaning your equipment
- Cleaning your chillum
- Being clean and working clean
- Taking care of your screens
- Understanding contaminates and how it effects the quality of the material produced
- Storage between washes
- Setting up for success
- Clear workspace, clear mind, clear intention
- Tips from the Pro's

## Choosing the Micron size and number of bags

- Learn to evaluate the material physically, in relation to our ever-growing reference guide
- Things to consider when choosing which Bubble Hash Bags are best to use for your material
- Working within the South African Standard of 3 bags or 4 bags
- When and why would you add more bags to the cascade
- The value of each bag as a representation of the Melt
- Tips from the pro's

## Best practices for washing

- Setting up your workspace for success
- The Camping washing machine method
- Slow row - by hand
- Cold chain layout and maintenance
- Setting up a cold room
- Simulation and practice
- Tips from the pro's

## Drying theory and practice

- Drying will make or break your work
- How best to dry
- Cheaper alternatives
- Air drying
- Pro's and Con's of each method
- How to achieve the maximum quality for your budget
- Theory of drying Hash and preserving quality
- Microplanning vs standard metal strainer
- How best to avoid a mess?
- Operating a Freeze Dryer
- Testing for excuse moisture in drying Bubble Hash
- Drying time considerations
- Absolute "Must Not Ever Do's"
- Tips from the pro's

## Post processing

- Heat pressed traditional Hashish
- Hand Pressed
- Loose grains
- Benefits of each as it relates to quality in effect, appearance, experience and smell.
- Preservation and storage
- Holding terpenes in the Hash
- Edibles
- Decarboxylation
- Markers of quality
- How to evaluate quality
- Setting standards for Quality

## Bubble hash to Rosin

- Post processing
- Hash Rosin is gaining popularity globally
- Learn to create high class solvent-less extracts from the material you have sifted

## How to use Solvent-less concentrates in your day to day

- The role of solvent-less extract application in the medical and rec markets based on quality standard
- How to price your service - What's your time worth?

## Consumables

### Ice:

- R40 per 10kg (purified water)
- 10kg per 20L of water
- 10kg ice per 100g dry material

### Water:

- Filtered water
- Filter supplied

### Cold room

- Rent a cold room
- We will bring it to you and wash on your site
- Alternative we will set up at our premise or a neutral space.

### Call out fee

Measured in distance from FullMelt Filtration Head Office, Fourways, Johannesburg.  
R3 per Kilometre

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