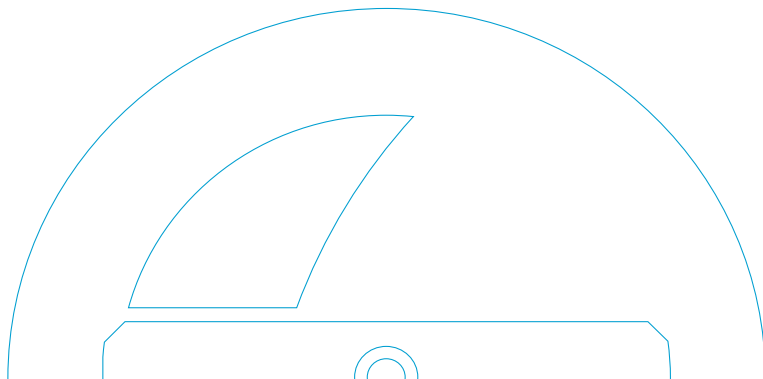




# MX ICE 500 MED

Solventless ice extraction system

**EU GMP** compliant



Master  
PRODUCTS



## MX ICE 500 MED

### High quality cannabis resin extraction

Introducing the MX ICE 500 MED, our most advanced cannabis resin extractor system, manufactured with the highest quality materials and safety guarantee, ideal for large-scale production.

Using a process without chemical solvents and a technology based on ice extraction, it isolates the glandular trichomes of cannabis to produce high quality resin, better known as 'bubble hash'.

Its automated design allows for a simple and efficient operation, ideal for laboratories that want to guarantee maximum purity and quality in their products. With fully digital monitoring, it can be adapted with total accuracy and precision to each production process, resulting in a homogeneous, high-performance cannabis resin.

EU GMP compliant.





## Main features.

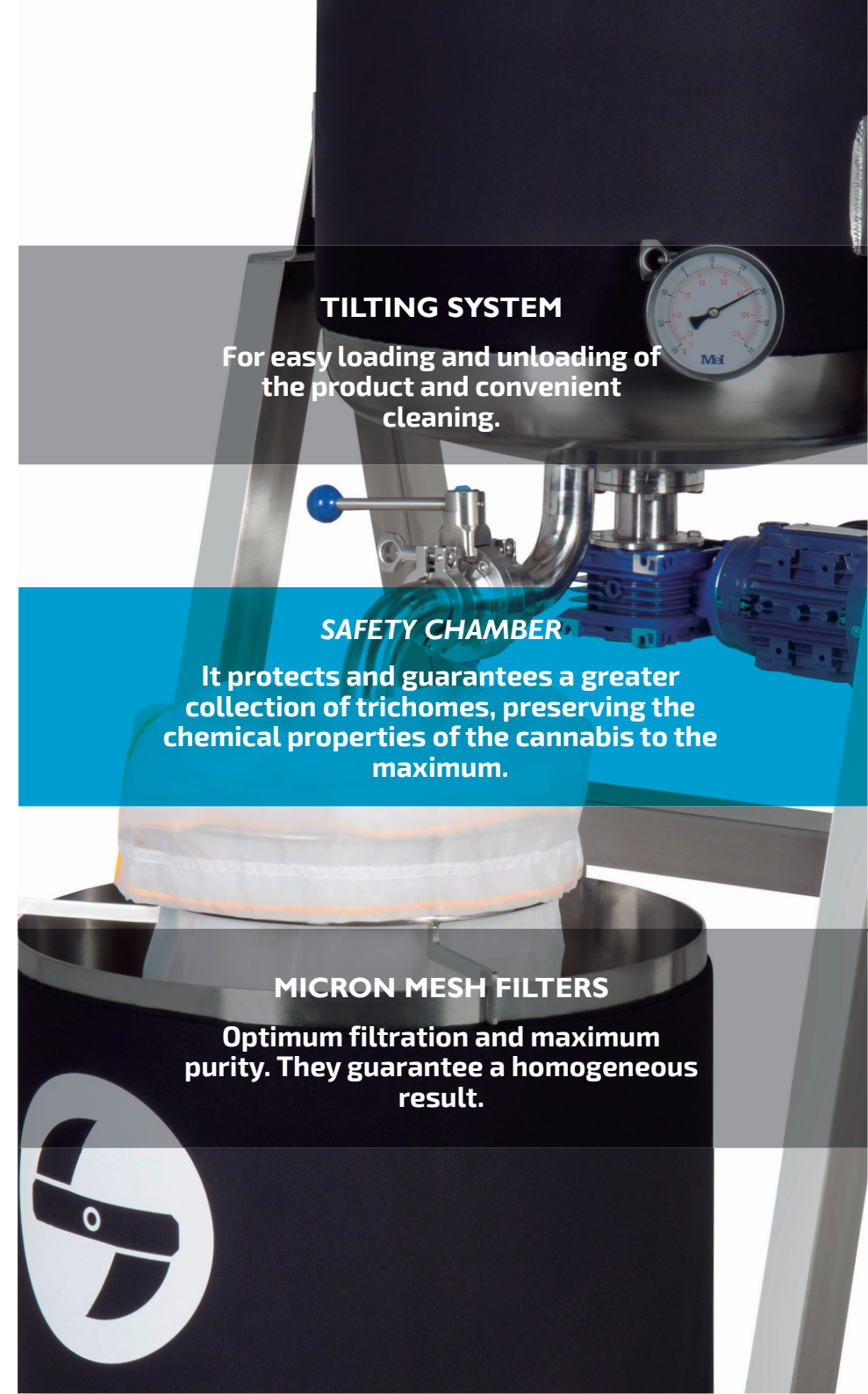
- Made of stainless steel.
- 180W Motor power.
- 2 independent tanks (agitation and collection), completely insulated.
- Soaking screen to protect the product load.
- Safety Chamber to protect and preserve the trichomes.
- Digital control panel with 4.5" multifunction LCD touch screen.
- Customisable programme recording.
- Programmable speed regulator (from 30 to 75 RPM).
- Programmable water flow rotation system, with change of direction.
- Programmable timer.
- Thermometer.
- Programmable recirculation pump.
- Tilting system for easy cleaning.
- Rotating wheels.
- Micrometric mesh filters (25, 73, 120, 160 and 220 µm).
- Tool-free system for easy assembly and disassembly.

## EU GMP compliant.

The MX ICE 500 MED extractor is designed for specific use in facilities with EU GMP requirements. Made of high-quality stainless steel to ensure maximum preservation of the cannabis plant, while simplifying the cleaning and maintenance process thanks to its low level of porosity. No plastics or paints to avoid possible contamination of the product and maximise its properties. Tool-free' system for convenient disassembly and easy cleaning.

In addition, it includes a complete **safety system** that guarantees total operator protection.

- IQ&OQ documentation included.
- FAT&SAT&SOP documentation, among others, available.



### TILTING SYSTEM

For easy loading and unloading of the product and convenient cleaning.

### SAFETY CHAMBER

It protects and guarantees a greater collection of trichomes, preserving the chemical properties of the cannabis to the maximum.

### MICRON MESH FILTERS

Optimum filtration and maximum purity. They guarantee a homogeneous result.



## Maximum performance.

### Record your programmes and gain efficiency in every extraction!

Innovation and ease of use come together to offer a unique user experience. The MX ICE 500 MED is equipped with a 4.5-inch multifunction LCD touch screen that allows total and precise control of the equipment, simplifying its operation and programming to the maximum.

From this intuitive interface, you can adjust the water flow rotation system and program the timer to adapt the process to the specific needs of each production. In addition, you can regulate the speed of the agitation blades to achieve the best performance at each stage of the process.

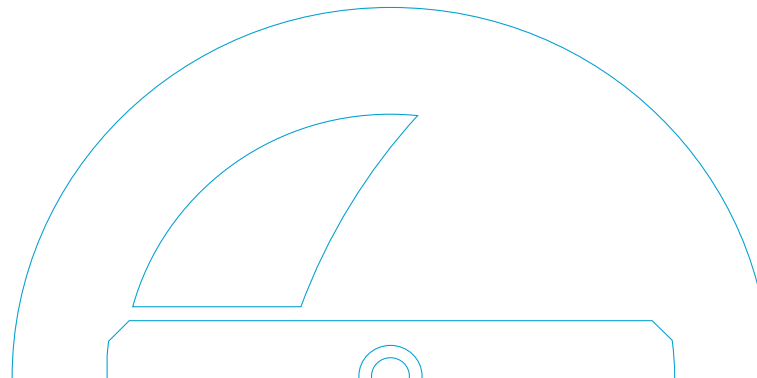
Its technology also allows for the recording of customised programmes, which offers the flexibility to store and reuse configurations for future productions, optimising efficiency and output with every use.

**Setup up to ten different programmes, with ten possible steps per process, fully customisable!**



Up to  
**100L**  
STANDARD  
CAPACITY

*\* The outputs and equivalencies indicated on each machine have been tested by Master Products operators under optimum conditions for a good performance, and may deviate according to the variety of the product treated, the environment, usage, maintenance and equipment settings.*





## MICRON MESH FILTERS

### Enhance your extraction with micrometric mesh filters.

Made of the highest quality fabric, 5 models of different weights are included with the purchase: **25, 73, 120, 160 y 220 µm.**

They filter the extracted plant matter with precision to achieve a final resin with the maximum quality guarantees, conserving all the chemical properties of the trichomes, preserving their terpenes and cannabinoids. The extractions contain a homogeneous, pure, high quality resin.

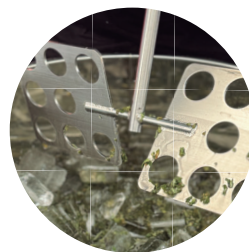


## BUBBLE-HASH PREPARATION

### Top quality results

#### 1. Filling

Fill the extraction tank with a layer of ice, a layer of cannabis plant material and another layer of ice. Finally, add filtered or low EC content water to cover the ice. Place the submersion disk and allow the added product to soak. Before you start the agitation process, remove it.



#### 2. Agitation

Through the digital control panel, adjust the speed (RPM) and direction of water flow as required. Agitation cycles usually last from 3 to 20 min, depending on whether fresh or dried plant material is used and the amount of material being incorporated. The safety chamber will protect and store the trichomes, thus preventing them from spreading during the agitation process.



#### 3. Filtering

Before starting the process, it is important to prepare the collection tank with the selected micrometric mesh filter bags. Place them from smallest (bottom) to largest (top). Finally, allow the water to drain from the agitation tank into the collection tank.

#### 4. Rinsing

Remove the filter bags and collect the filtered resin. Before doing so, the micro-mesh bags should be thoroughly rinsed with cold filtered or low EC content water to ensure maximum purity in the collection of cannabis resin.



#### 5. Collecting and drying

Place the resin in the trays, making layers of hash as thin as possible to achieve a perfect drying result. Once prepared, it's time for drying! You can do this manually or with a suitable freeze-dryer oven (recommended option as there is less risk of bacterial contamination, product oxidation and maximum preservation of cannabinoids and terpenes.).

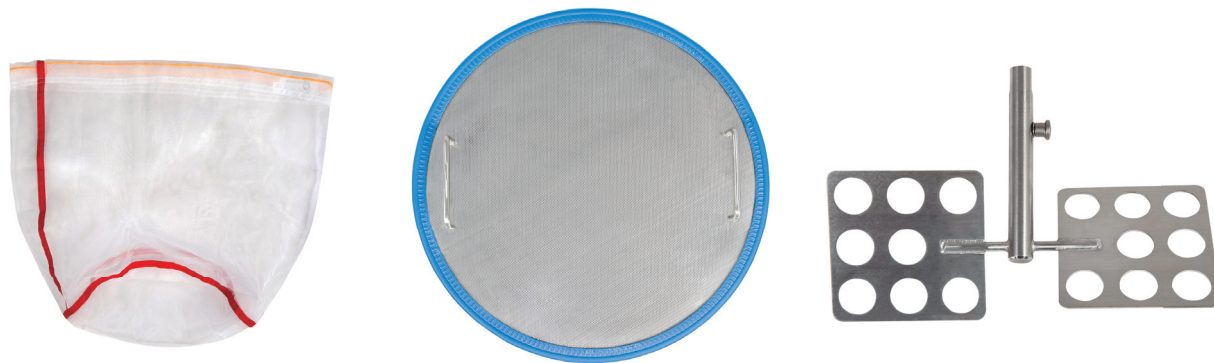
## YOUR MX ICE 500 MED, **ALWAYS READY!**

### Tool-free system. Quick and easy cleaning.

Keeping your equipment in top condition has never been easier than with the MX ICE 500 MED. Its design allows for quick and hassle-free disassembly, making it easy to clean after each use.

With easily accessible to different components and an intuitive disassembly process, keeping your extractor in perfect condition becomes a super convenient task. In addition, its durable construction, high quality materials and warranty ensure a long service life with minimal maintenance.

**Your MX ICE 500 MED will always be ready to deliver the highest quality extractions.**



## Technical Data

Electrical connection	230 V / 50 Hz
Motor power	180 W
Pump power	450 W
Agitator tank dimensions	50 cm x 50 cm x 60 cm
Collection tank dimensions	50 cm x 50 cm x 60 cm
Total weight	102 Kg
Structure and agitator tank weight	70 Kg
Collection tank weight	32 Kg
Structure material	Stainless steel
Tanks material	Stainless steel
Agitator blades material	Stainless steel
Tanks diameter	50 cm
Standard capacity	100 L
Speed regulator	Yes
Security system	Yes
Sound level	75 dB
Certifications	CE
GMP compliance	Yes
Warranty	5 years

\* Images are for reference only and may not match the current model.

\* The warranty is for defects in parts and components, not for an inappropriate use of the machinery.

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## For more information



Watch the videos on our Youtube official channel:  
<https://www.youtube.com/@masterproductsofficial>



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