

- ☀ Destroying the medical disposal plastic into small pieces, so that to avoid the reuse and the volume of transportation of waste by 85%.
- ☀ Double shaft, super low noise
- ☀ With UV and Ozone disinfection

**Shredding speed: 100kg/hour**



Medical shredder-Double shaft



**What material can our machine shredding?**

- A. all kinds of used medical plastic disposal : plastic utensils, syringes, test tubes, ELISA plate, dish, dilution cup, straw, tip, urine cup, pill bottle and so on
- B. Medical used needle
- C. Small Glass bottle



**Reducing space of waste container by 85% after shredding.**

**Application place:**

Hospital, clinic, laboratory

**FMD100**

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## Parameters:

<b>Product size</b>	800x700x1200mm
<b>Destroying method</b>	Double shaft cutting
<b>Crushing capacity</b>	100-150kg/hour
<b>waste inlet size</b>	400x300mm
<b>Shredding chamber size</b>	220x340mm
<b>Power supply</b>	240V/380V/440V, three phase power supply
<b>Internal protection</b>	overload protection , leakage protection Thermal hypersensitivity protection
<b>Interface voltage</b>	Safety low voltage on the operation panel.
<b>Output power</b>	3000VA
<b>Material of shell</b>	Mild steel powder coated, white.
<b>Temperature</b>	in operation:-5°C~+50°C stored:-20°C~+55°C
<b>Number of knife</b>	7X2=14pcs(two shaft, Rotor knife) ,14pcs fixed knife
<b>Waste collector</b>	1pc,blue color, 500*380*285mm
<b>Motor</b>	Quiet and low speed motor.
<b>Low noise</b>	60 - 70 dB (A)
<b>Rpm</b>	30
<b>Destroying material</b>	plastic utensils, syringes, test tubes, ELISA plate, dish, dilution cup, straw, tip, urine cup and so on
<b>Medical Class UV disinfection</b>	with UV lamp medical class which can kill the virus and disinfect the waste. the UV lamp can also release some ozone as well, which can disinfect every corner of of the machine.
<b>Packing</b>	Wooden case packing, packing size:900*830*1360mm
<b>Weight</b>	N.W: 448KG G.W:502KG

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# Medical Waste Destroyer with UV and Ozone disinfection

## Function:

This machine is used for destroying the medical disposal such as syringe, infusion tube, infusion set, blood bag, pill bottle and other medical plastic and glass and thin metal and syringe needle in hospital and clinic.

## Medical Class UV and Ozone disinfection:

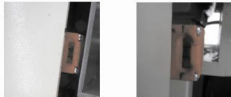
with UV lamp medical class which can kill the virus and disinfect the waste. the UV lamp can also release some ozone as well, which can disinfect every corner of the machine.



## DISINFECTION

## Safety protection:

Electric Leakage protection,  
Over voltage and over current protection;  
Interface safety voltage;  
Emergency stop function;  
Mild steel body and resistance to breakdown;  
With earthing conductor;  
Reverse step function when shredder becomes stuck  
Safe lid and door open function-the electric power will be automatic shut off when the lid or door is open.



## Super low noise:

Its working noise is about 60-70dBa, so it is more suitable for hospital use.

## High efficient

you can fill whole red bags of waste and no need to fill the waste continuously,

## More safety

we use low speed motor and no risk of the waste fly out of the shredding chamber, It is also have the UV and Ozone disinfection function, so no risk of virus infection to operators.

## Double shaft

this machine choose double shaft shredding systems, and the medical waste will become small pieces after the grinding and shredding, so that to reduce the volume by 85%.

## Durable and anti-rust knife

we use 14 pcs of knives in each set of machine the knife is durable and it is made of special steel and anti-rust and with long life span.

## waste collection

With plastic container for waste collection, all waste will fall into the waste container, the door is with safety design, when open it, the electric supply will be powered off.



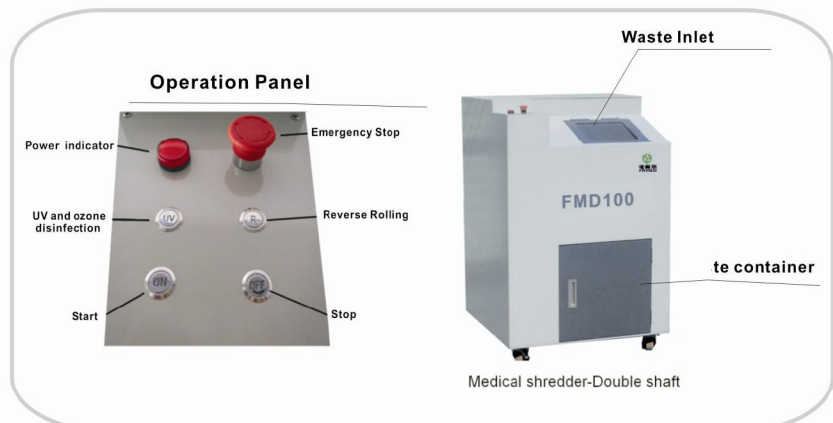
**Shredding speed: 100-150kg/hour**  
**Reducing space of waste container by 85% after shredding.**

- ✓ High efficient
- ✓ Low noise: less than 65 decibels
- ✓ Durable and anti-rust knife
- ✓ Waste collection container
- ✓ Good structure
- ✓ Easy to operate
- ✓ With UV and ozone disinfection
- ✓ Caster locking Wheels
- ✓ Blades: Slow speed Dual shaft  
Cross Crushing/Cutting: SKDII



## Working flow:

Loading-shredding-UV and Ozone disinfection-unloading



## Material

the body is made of mild steel powder coated and the lid and the waste collection drawer and filter mesh are made of stainless steel

## Good structure

with good appearance as well as good function the height of the waste inlet is suitable for putting in the waste, and the operation panel is convenient for operation.

## With castors

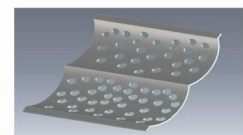
with 4 castors, easy for movement

## Easy to operate

with operation panel and the operator can operate it with just minutes training.

## Operation panel

"ON" -Start  
"OFF" -Stop  
"Red swing button"-EMERGENCY STOP  
"Red indicator"- POWER INDICATOR  
"UV"- UV and Ozone DISINFECTION  
"R" -reverse rolling



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