

Ultrasonic Coating Solutions

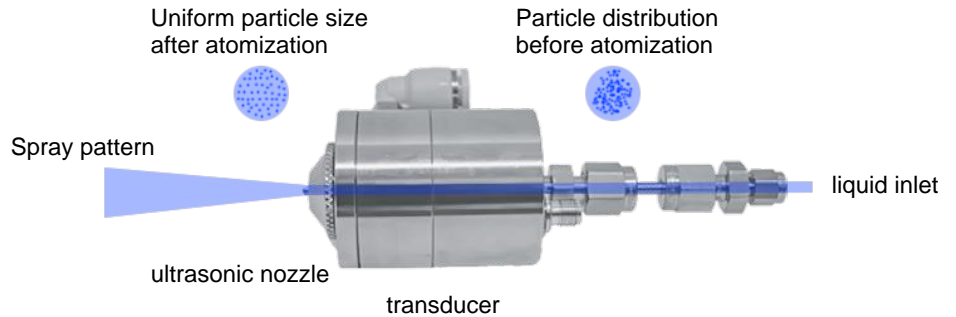
Repeatable, Uniform Thin Film Coatings



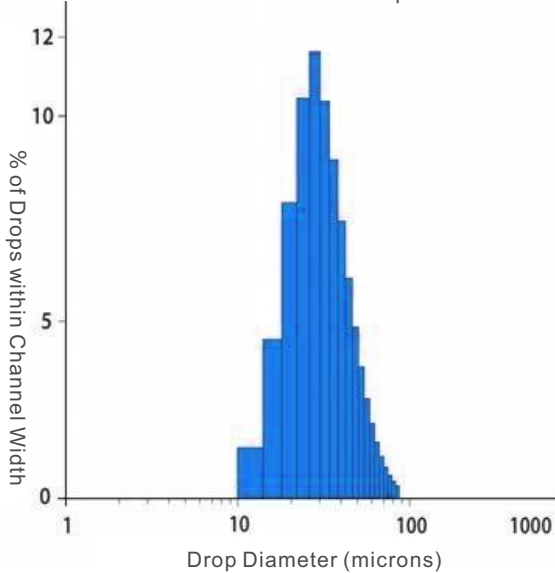
CHEERSONIC
intelligent ultrasonic solutions

Ultrasonic Nozzle Technology

The ultrasonic nozzle converts high-frequency electrical energy into mechanical energy through the transducer part, and the mechanical energy is transferred to the liquid to generate a standing wave. When the liquid leaves the atomizing surface of the nozzle, it is broken into a fine mist of uniform micron-sized droplets.

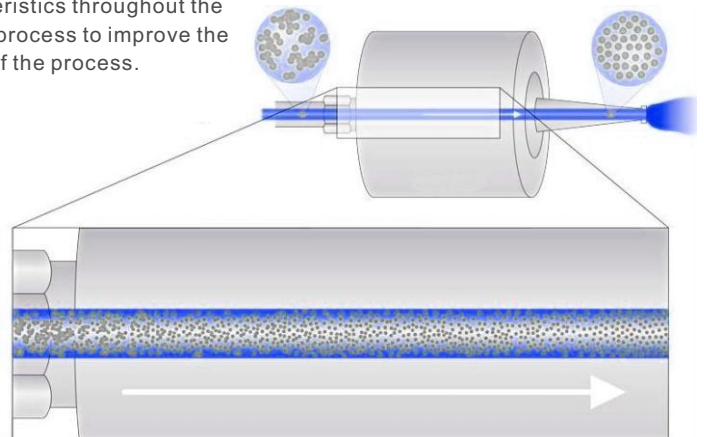


Compared with deposition methods such as air spraying and screen printing, ultrasonic coating has a more uniform distribution of droplets.



Spraying Suspensions

The high-frequency ultrasonic vibration makes the particles suspend uniformly for a long time, and provides consistent particle suspension characteristics throughout the coating process to improve the quality of the process.



Ultrasonic Nozzle And Low Velocity Air Shaping



Spray patterns range from 0.070 - 12" (0.18 - 30.5cm) wide per nozzle, depending upon the air shaping system used.

Pioneer of Ultrasonic Coating Solutions

Cheersonic is the leading developer and manufacturer of ultrasonic coating systems for applying precise, thin film coatings to protect, strengthen or smooth surfaces on parts and components for the microelectronics/electronics, alternative energy, medical and industrial markets, including specialized glass applications in construction and automotive.

Economical Coater

UAM1000

ECONOMICAL ULTRASONIC COATING EQUIPMENT

Features:

- Uniform and controllable coating
- Desktop design is easy to move
- Spraying range*: 200 x 200 mm
- * Note: Can be customized according to needs
- Ultrasonic nozzles: Cheersonic can be equipped with a variety of nozzles
- Dimension: 53 mm x 56 mm x 85 mm
- Weight: 30kg



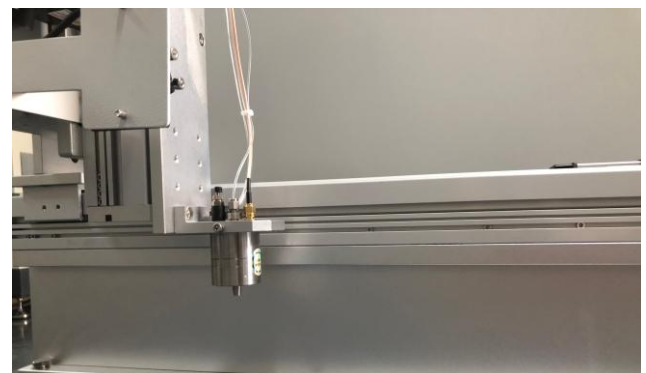
Lab Coater

UAM2000

ULTRASONIC SPRAY PYROLYSIS EQUIPMENT

Features:

- Uniform and controllable coating
- Bare shell design
- Spraying range*: 200 x 200 mm
- * Note: Can be customized according to needs
- Ultrasonic nozzles: Cheersonic can be equipped with a variety of nozzles
- 500 degree high temperature heating abutment
- Liquid utilization rate >95%



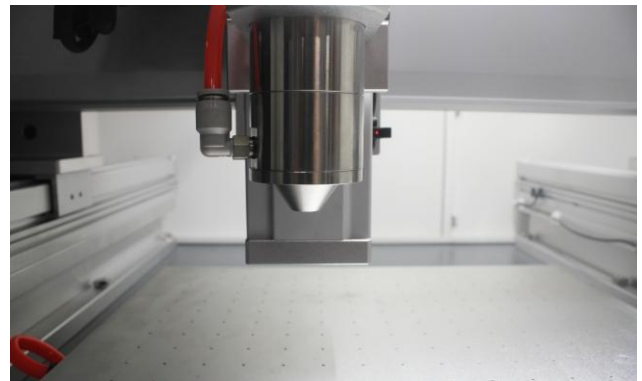
Lab Coater

UAM4000L

BENCHTOP ULTRASONIC SPRAY SYSTEM

Features:

- Including the ultrasonic spraying system, non-clogging nozzle
- Uniform and controllable coating
- Liquid utilization rate >95%
- Automatic nozzle cleaning system
- Desktop design is easy to move
- Spraying range*: 200 x 200 mm
- * Note: Can be customized according to needs
- The solution and suspension can be sprayed.
- Constant flow syringe pump system
- Vacuum adsorption plate for adsorbing soft film substrate
- High temperature heating system



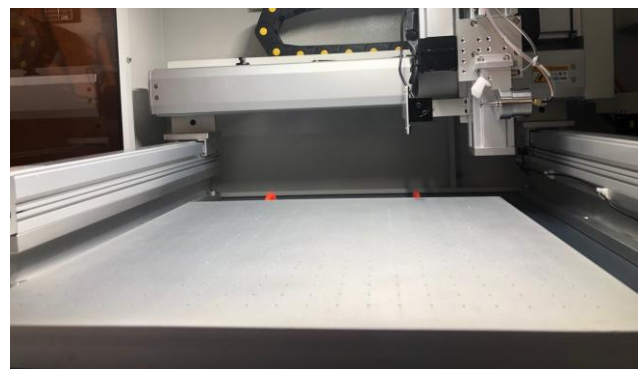
Lab Coater

UAM4000L-Advanced

ULTRASONIC INTELLIGENT COATING EQUIPMENT

Features:

- Including the ultrasonic spraying system, non-clogging nozzle
- Uniform and controllable coating
- Liquid utilization rate >95%
- Automatic nozzle cleaning system
- Desktop design is easy to move
- Spraying range*: 200 x 200 mm
- * Note: Can be customized according to needs
- The solution and suspension can be sprayed.
- Constant flow syringe pump system
- Vacuum adsorption plate for adsorbing soft film substrate
- High temperature heating system
- Laser teaching system
- Magnetic force dispersion system
- Exhaust gas treatment system



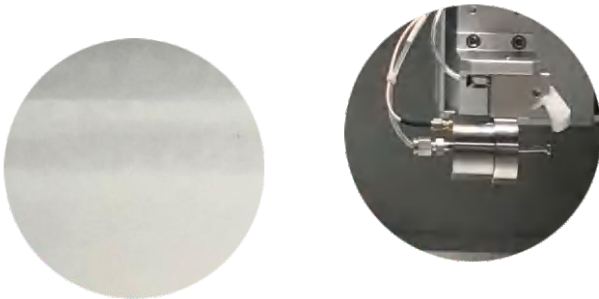
Medium Coater

UAM6000

MEDIUM ULTRASONIC SPRAY COATING SYSTEM

Features:

- Including the ultrasonic spraying system, non-clogging nozzle
- Uniform and controllable coating
- Liquid utilization rate >95%
- Automatic nozzle cleaning system
- Spraying range*: 500 x 500 mm
- * Note: Can be customized according to needs
- The solution and suspension can be sprayed
- Constant flow syringe pump system
- Vacuum adsorption plate for adsorbing soft film substrate
- High temperature heating system
- Can be docked to the laboratory or the clean room exhaust system, or use its own exhaust fan



Inline Coater

UAM8000

INLINE ULTRASONIC SPRAYING SYSTEM

Features:

- Ultrasonic nozzles: Cheersonic can be equipped with a variety of nozzles
- The nozzle is not easy to be blocked
- Width range*: 50-600mm
- *Note: can be customized according to needs
- Multiple nozzles can be used in series, with custom width
- Uniform and controllable spray coating
- Can meet production needs and achieve continuous mass production
- Liquid utilization rate >95%
- Easy to integrate with production conveyor



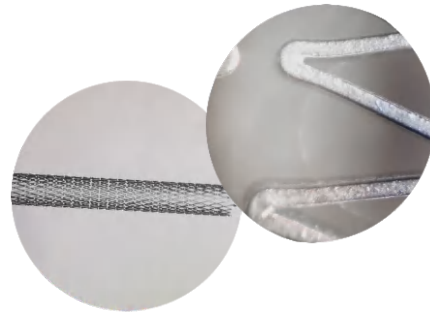
Medical - Stent Coater

UAM3000

ULTRASONIC STENT COATING SYSTEM

Features:

- The liquid medicine utilization rate reaches 95% and above
- Stent fixture: It is convenient to install and unload the fixture, prevent the stent from bending, different axis, etc
- Stent Specification: Max Length: $\leq 100\text{mm}$; Diameter: $\leq 60\text{mm}$
- The equipment integrates ultrasonic nozzle, ultrasonic control, liquid delivery system, drying system and motion structure as one
- The liquid delivery system can be adapted to various solvents and has anti-corrosion characteristics
- The highly durable coating does not peel
- Uniform and controllable spray coating



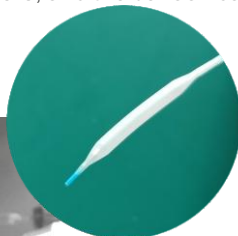
Medical - Balloon Coater

UAM7000

ULTRASONIC BALLOON CATHETER COATING SYSTEM

Features:

- Effective spraying length: 280mm
- The utilization rate of liquid medicine is as high as 95% and above
- Temperature and humidity control system
- The finished and semi-finished balloons can be sprayed
- Balloon inflation pressure is adjustable
- With balloon assisted drying function
- Optional ultrasonic dispersion system to pre-disperse liquid
- Balloon clamp: to clamp excess catheters, and the balloon can be automatically straightened online



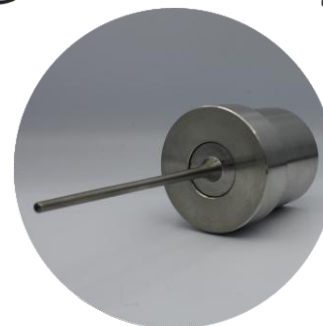
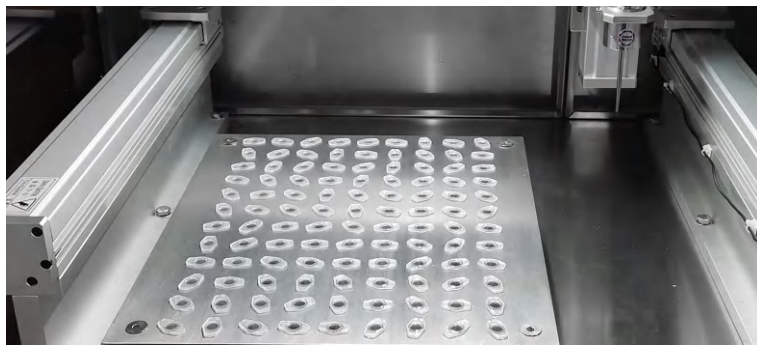
Medical - Blood Collection Tubes / Syringe Barrels Coater

UAM4000

ULTRASONIC PENETRATION COATING MACHINE

Features:

- The liquid medicine utilization rate reaches 95% and above
- The inner wall of the tube can be sprayed selectively
- Highly uniform coating on the tube wall, the thinnest film thickness can reach tens of nanometers
- Sample rack processing capacity is 100 pcs/time*
- * Note: Can be customized according to needs
- The liquid delivery system can be adapted to various solvents and has anti-corrosion characteristics
- Sophisticated desktop design is easy to move
- Constant flow syringe pump system



Lab Atomization Granulation

UAG1000

LAB ULTRASONIC ATOMIZATION GRANULATION SYSTEM

Features:

- High-efficiency spraying, reducing raw material consumption
- Fine atomized particles
- It can be atomized without adding gas, and the flow of carrier gas during spray pyrolysis can be freely controlled
- Even atomized particles
- The nozzle is not easy to be blocked
- Can achieve intermittent or continuous work
- Can achieve high precision and high controllability work
- Machine Size: 400*400*1200mm



Smart Dispenser

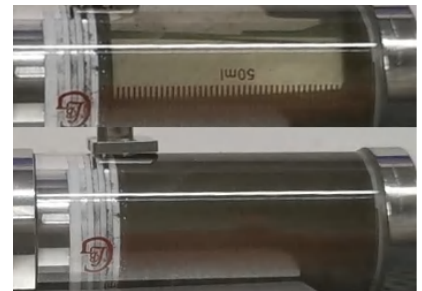


- Effective mixing of catalysts or slurries
- 25 ml glass syringe standard
- Control module displays alarm conditions
- Only need 10ml to prime

Ultrasonic Dispersion Syringe



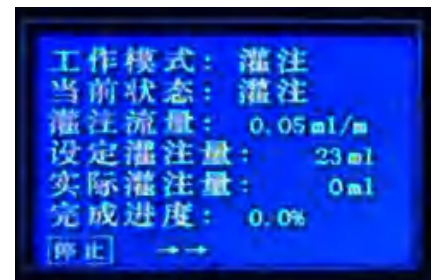
- Only need 10ml to prime
- Realize intermittent dispersion sample liquid controlled by program
- Easy configuration with Cheersonic's ultrasonic spraying system
- Thoroughly mixes particles in just a few seconds
- Effectively ensure the dispersion stability of the suspension system



Syringe Pump



- Intuitive touch screen interface
- Wide flow rate range - 0.01-50 ml/min
- 1.8° precision stepper motor
- Fully integrated with Cheersonic control system for real-time flow control
- Can be equipped with ultrasonic syringe or smart dispenser



Industrial Double Pump



- Double syringe pumps, constant flow and uninterrupted liquid supply
- Ultrasonic syringes or smart dispensers can be used to disperse suspensions that tend to agglomerate.
- Two 25ml glass syringes
- Only need 10ml to prime
- High flow control accuracy of 0.05ml/min

Industrial Pump



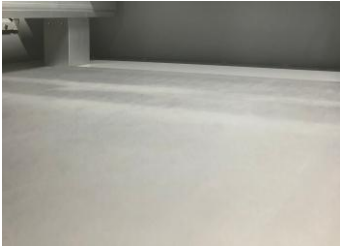
- Single syringe pump
- Ultrasonic syringe or smart dispenser can be used to disperse the suspension that is easy to agglomerate
- 1 25ml/50ml glass syringe
- Only need 10ml to prime
- Flow accuracy 0.01ml/min

Z Axis Pump



- It can be integrated with any Z axis to meet the requirements of equipment construction
- Suitable for suspensions that are easily stratified
- Flow range 0.01-20ml/min

Heat & Vacuum Plate



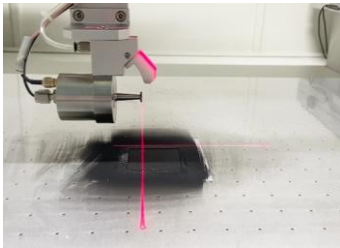
- Substrate heating plate, up to 150°C
- High temperature pyrolysis type, up to 500°C
- Vacuum adsorption plate to absorb soft film substrate
- Control accuracy $\pm 1^\circ\text{C}$

双喷嘴配置



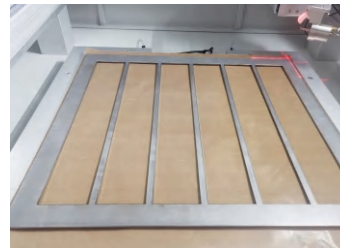
- Dual nozzle configuration allows different gas filling modes to reduce coating time
- Allow to spray different liquids at the same time

Laser Assisted Positioning



- Adjustable focus
- Laser wavelength: 650nm
- Mobile laser positioning system
- Accurately assist the positioning and placement of sprayed substrates

Substrate Holder



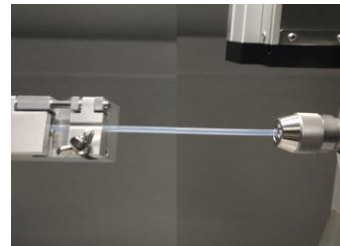
- Can be installed directly
- Customized size can be provided upon request

Nozzle Rotate/Tilt



- Adjustable rotation 0-90°
- Can provide 360° servo motor control rotation
- Automatic tilt and adjustable Z position angle
- Dual position programming (vertical + one angle)

Fixture



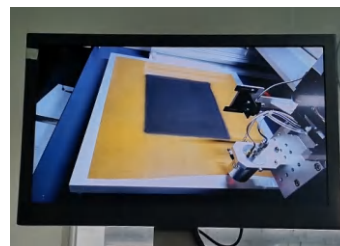
- Corresponding fixtures can be equipped according to requirements (For example, UAM7000 can be equipped with catheters and guidewire clamps for spraying catheters and guidewires)

Exhaust System



- Can be connected to the laboratory or ultra-clean room ventilation system

Teaching Display



- Real-time observation of spraying status and timely adjustment

Glove Box



- Automatic gas cleaning function
- Recycling purification materials
- Automatic control of pressure
- Automatic detection of leak rate
- Oxygen content, water content online detection and control functions

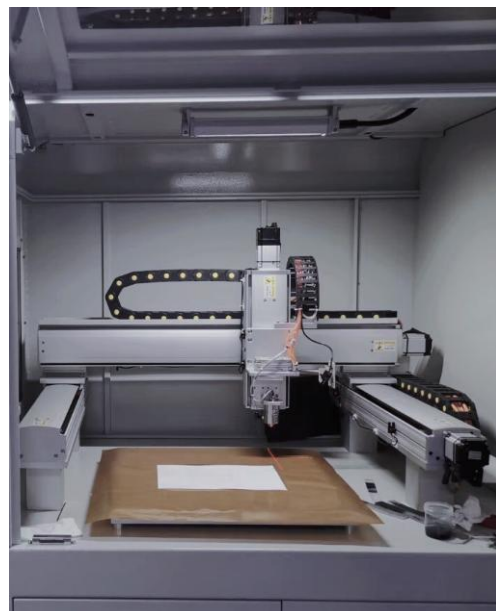
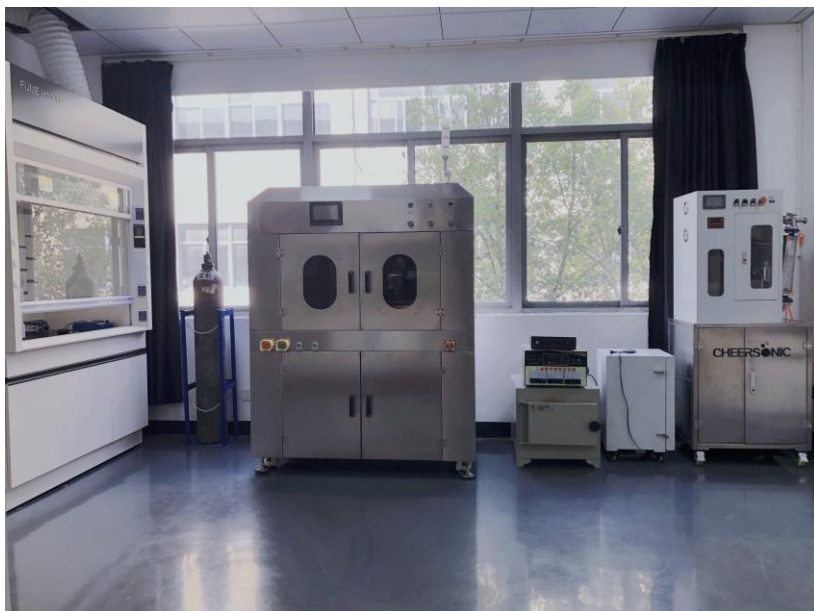
Water Oil Separation System

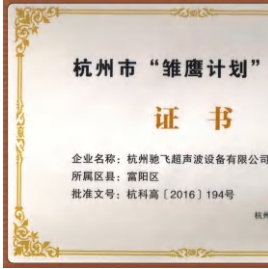
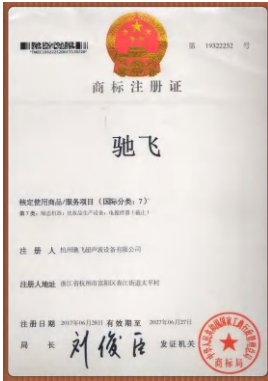
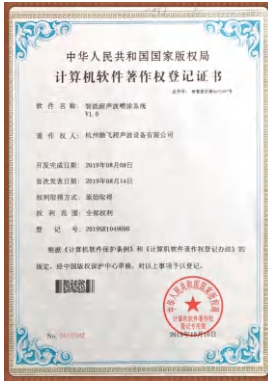
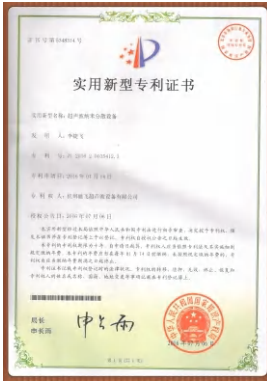
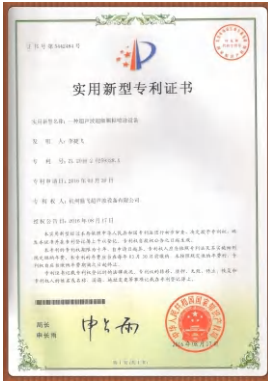
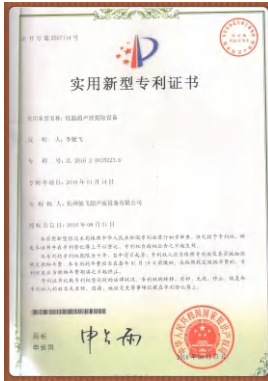
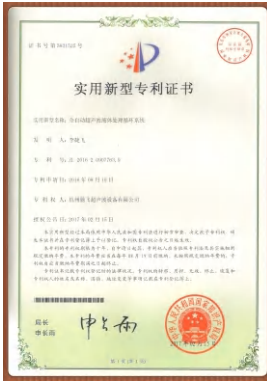


- The filtered gas source is very pure and can be directly used as the carrier gas source of the nozzle.

With Complete Laboratory Facilities

Cheersonic has focused on the field of ultrasonic spraying for 30 years. It has a deep knowledge of medical, semiconductor, electronics, energy and textile industries, and has accumulated rich technical implementation and experimental experience. Cheersonic has a complete experimental system, which allows customers to They conduct tests on actual substrates, and conduct small experiments under conditions of process variable changes. Our application engineers guide customers in the basic testing and use of coating equipment to evaluate and specify the best coating solution.







HANGZHOU CHEERSONIC ULTRASONICS EQUIPMENTS CO., LIMITED

**Address: No. 11-13, Chuangye Road, Changkou Town, Fuyang District,
Hangzhou , Zhejiang, China**

Web: www.cheersonic-liquid.com

Email: market2@cheersonic.com

Tel: +86 571 87910406

Cheersonic ultrasonic spray machines are being used in medical, electronics and adviced energy production facilities around the world. Our sales and service representatives work closely with international distributors to ensure our customers enjoy world-class quality and service.



Cheersonic Ultrasonics CO., Limited
www.cheersonic-liquid.com



CHEERSONIC

Cheersonic provides professional and reliable solutions for ultrasonic food cutting



• UFM2100

- 120-200 products per hour
- Slicing cookies
- Cutting width up to 100mm; Height up to 65 mm
- Inline slicing with high speed



• UFM3100

- 150-280 products per hour
- Portion round products
- Diameter up to 300mm; Height up to 80 mm



• UFM3300

- 1000-1800 products per hour
- Portion round products
- Diameter up to 300mm; Height up to 80 mm
- Inline cut 3 rounds at the same time



• UFM8000

- 150-280 products per hour
- Slicing rectangle and bar-shaped products
- Tray size up to 400x600 mm; Height up to 80 mm
- Inline with two cutting station



CHEERSONIC

Customized Ultrasonic Portion Solution

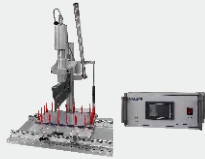
CHINA OFFICE

Cheersonic ultrasonics
Changkou Industrial Park
Fuyang, Zhejiang,
China 311400
info@cheersonic.com
86 571 87910406 86 13588732518



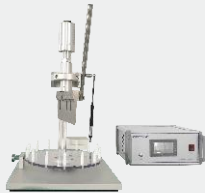
• HFM2300

- 10-20 products per hour
- Slice Sheet products
- Tray size up to 300x300 mm; Height up to 80 mm
- Economic type



• HFM3100

- 10-20 products per hour
- Portion round products
- Diameter up to 300 mm; Height up to 80 mm
- Economic type



• UFM1000R

- 180-240 products per hour
- Portion round products
- Diameter up to 300 mm; Height up to 80 mm
- Automatic portioning



• UFM1000P

- 150-180 products per hour
- Portion round products
- Diameter up to 300 mm; Height up to 100 mm
- Automatic portion with paper insert function



• UFM3100P

- 150-280 products per hour
- For round and bar-shaped products
- Diameter up to 300 mm; Height up to 100 mm
- Inline machine with paper insert function



• UFM1000C

- 10-20 cheeses per hour
- Portion round cheeses
- Diameter up to 400 mm; Height up to 150 mm
- With fixed weight system



• UFM2300W

- 200-350 cheeses per hour
- Slicing block and stick cheeses
- Height up to 150 mm
- With fixed weight system



UFM5100

- 20-80 products per hour
- Slicing round, rectangle and bar-shaped products
- Tray size up to 400x600 mm; Diameter up to 200 mm; Height up to 80 mm
- Tabletop design



• UFM5000

- 30-100 products per hour
- Slicing round, rectangle and bar-shaped products
- Tray size up to 400x600 mm; Diameter up to 300 mm; Height up to 80 mm
- Automatic cut in or out of the tray



• UFM6000

- 60-200 products per hour
- Slicing round, rectangle and bar-shaped products
- Tray size up to 400x600 mm; Diameter up to 255 mm; Height up to 80 mm
- Portion two round products at the same time



• UFM6600

- 60-200 products per hour
- Slicing round, rectangle and bar-shaped products
- Tray size up to 400x600 mm; Diameter up to 255 mm; Height up to 80 mm
- Platform moves in and out automatically



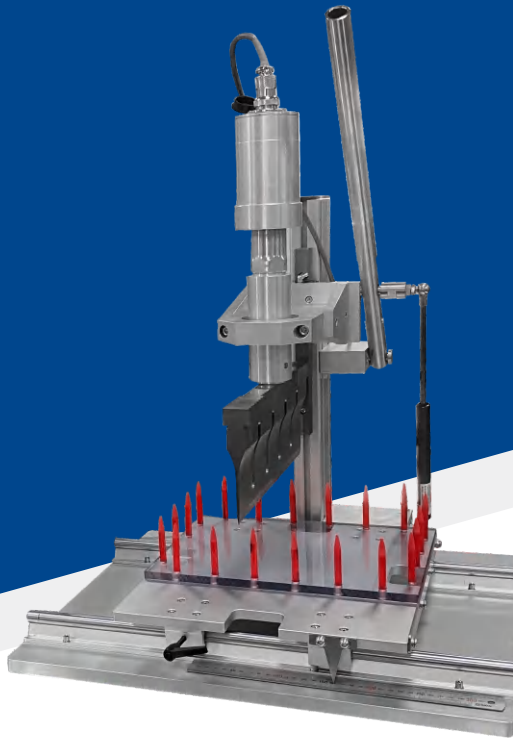
UFM3100S

- 1800-2200 pieces per hour
- Slicing sandwiches and rolls



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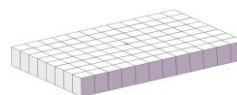
HFM2300

Manual Ultrasonic Food Slicing Machine

- Average speed: about 10-20 products per hour
- Friendly and easy operation
- Reliable and durable ultrasonic machine
- Increased quality and labor saving enhance capacity
- Improved portion quality and consistency



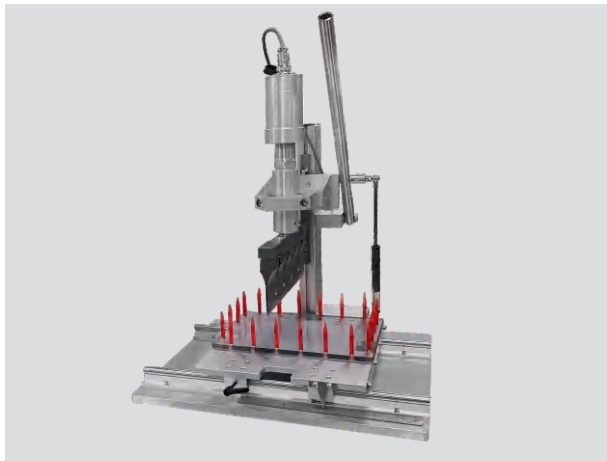
Slice Mode



Rectangle Cut Into Square

HFM2300 is a manual food slicing machine with ultrasonic cutting technology, built to process sticky, frozen, delicate and complex products, such as sponge cakes, cheese cakes, brownie cakes, pies, quiches, pizza, pastries and other products with a wide range of temperature from -15 degree Celsius to ambient temperature. And it allows each slice to have a clean quality cutting surface. The machine HFM3000B could slice rectangle and bar-shaped products. It would suits to manufacturers with small output, low budget and limited space.

HFM2300 Manual Ultrasonic Food Slicing Machine

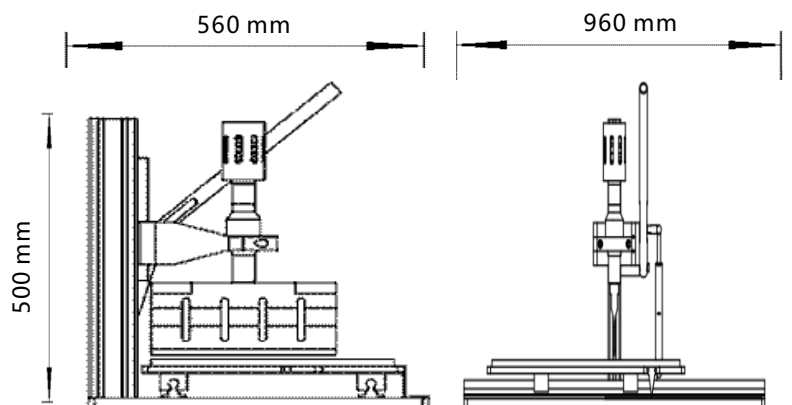


Key features

- Fully Stainless steel construction & food grade plastics
- Easy to clean the blade and machine
- A wide range of blade types for various applications
- Slicing rectangle and bar-shaped products
- Entry-level ultrasonic cutter
- Slide rail under platform for accurate cutting
- Frequency 20 kHz, Titanium alloy blade
- Economic and manual for nice cutting surface and labor save
- Easy to operate and maintain
- Ultrasonic parameters are automatic tracking

Services Required

- Single Phase supply : 220V 50-60 Hz 10A
- Compressed Air: No
- Water pressure: No



Business Department

T: +86 571 87910406

M: +86 15869049660

Email: sale8@cheersonic.com

China Branch

No.13,chuangye Road,Changkou Industrial Park

Hangzhou,Zhejiang Province,China 311400

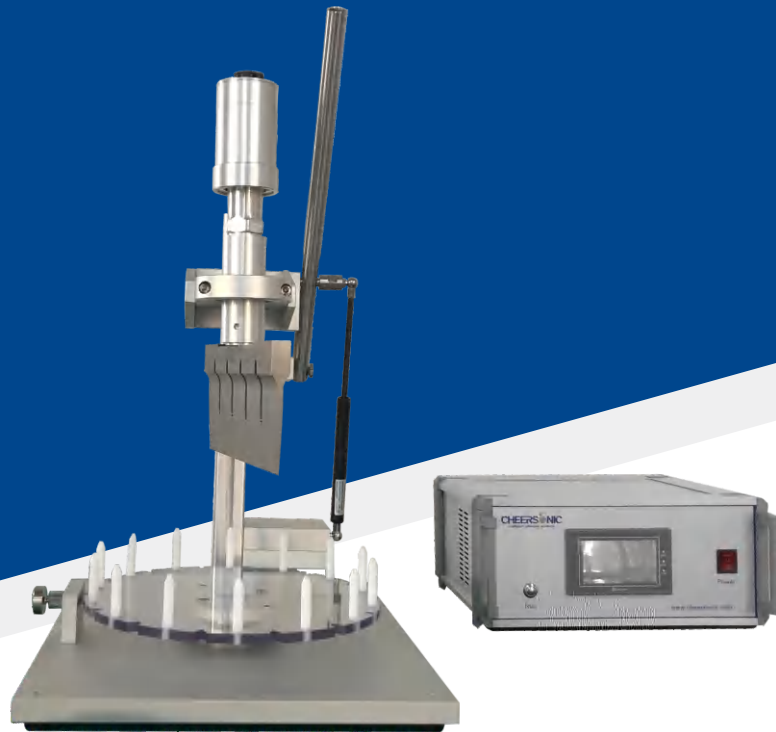
market2@cheersonic.com

www.cheersonic-food.com



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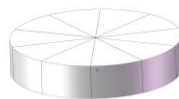
intelligent ultrasonic solutions



HFM3100

Manual Ultrasonic Round cakes Portioning Machine

- Average speed: about 10-60 products per hour
- Friendly and easy operation
- Reliable and durable ultrasonic machine
- Increased quality and labor saving enhance capacity
- Improved portion quality and consistency



Round Portion Mode

HFM3100 is a manual food portioning machine with ultrasonic cutting technology, built to process sticky, frozen, delicate and complex products, such as sponge cakes, cheese cakes, brownie cakes, pies, quiches, pizza, pastries and other products with a wide range of temperature from -15 degree Celsius to ambient temperature. And it allows each slice to have a clean quality cutting surface. The machine HFM3000R could portion round products only. It would suit to manufacturers with small output, low budget and limited space.

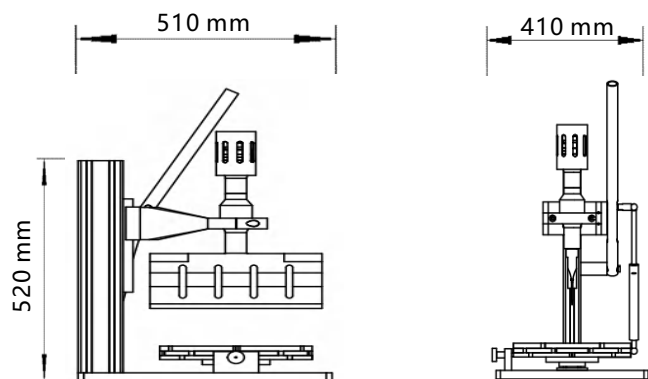


Key features

- Fully Stainless steel construction & food grade plastics
- Easy to clean the blade and machine
- A wide range of blade types for various applications
- Portioning round products only, diameter up to 12 inches
- Entry-level ultrasonic cutter
- Slide rail under platform for accurate cutting
- Frequency 20 kHz, Titanium alloy blade
- Economic and manual for nice cutting surface and labor save
- Easy to operate and maintain
- Ultrasonic parameters are automatic tracking

Services Required

- Single Phase supply : 220V 50-60 Hz 10A
- Compressed Air: No
- Water pressure: No



Business Department

T: +86 571 87910406

M: +86 15869049660

Email: sale8@cheersonic.com

Cheersonic Ultrasonic Co., Limited

China Branch

No.13,chuangye Road,Changkou Industrial Park

Hangzhou,Zhejiang Province,China 311400

market2@cheersonic.com

www.cheersonic-food.com



CHEERSONIC

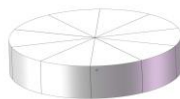
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UFM1000P

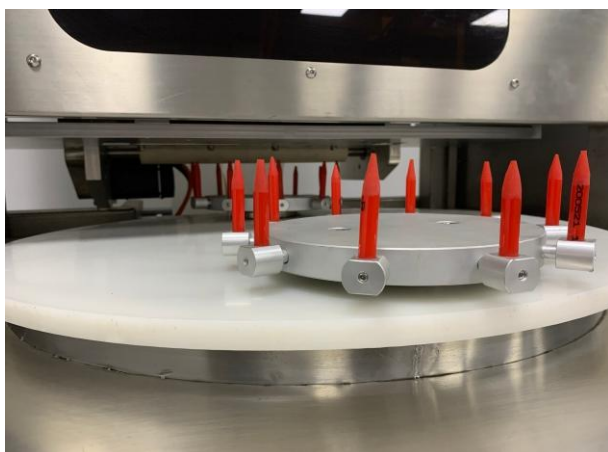
Ultrasonic Round Cake Divider Insert Cutter

- Average speed: about 180-240 products per hour
- Color touch screen with User friendly interface
- Reliable and durable
- Increased quality and labor saving enhance capacity
- Improved portion quality and consistency



Round Portion Mode

UFM1000P is an ultrasonic food cutting machine specially designed for round cake portioning. With optional paper inserts to separate each slice, it offers much clean cutting effect and convenience for transferring. The machine can be processed with round cakes from frozen to ambient, like mousse cake, cheese cakes, ice cream cakes, sponge cakes and so on. Besides, it could be programmed to cut for different divide numbers. Featuring a single cutting mode, it is much suitable for manufacturers who is only supply round products.

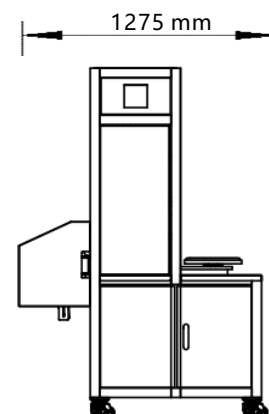
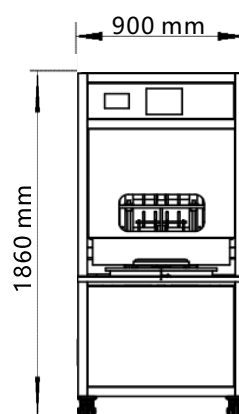


Key features

- Fully Stainless steel construction & food grade plastics
- Using divider inserts between each portioning
- A wide range of blade types for various applications
- Portioning round products only
- A function of sterilization with UV light (Optional)
- Safety protective door
- Motor-driven rotary platform
- Easy-to-use editing programs
- 3 user login levels-operator, supervisor and technician

Services Required

- Single Phase supply : 220V 50-60 Hz 10A
- Compressed Air: 0.6Mpa
- Water pressure: No



Business Department

T: +86 571 87910406

M: +86 15869049660

Email: sale8@cheersonic.com

Cheersonic Ultrasonic Co., Limited

China Branch

No.13,chuangye Road,Changkou Industrial Park

Hangzhou,Zhejiang Province,China 311400

market2@cheersonic.com

www.cheersonic-food.com



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UFM2100

Inline Ultrasonic Slicing Machine

- Average speed: about 120-200 products per hour
- Color touch screen with User friendly interface
- Reliable and durable ultrasonic machine
- Increased quality and labor saving enhance capacity
- Improved portion quality and consistency



Slice Mode

UFM2100 is an intelligent inline slicing machine with ultrasonic cutting technology, built to slice sticky, frozen, delicate and difficult products, such as cookies, ice cream roll cakes, pies, cheese, nougat, dough and other products with a wide range of temperature from -15 degree Celsius to ambient temperature. The cutting speed could up to 150 cuts per minute. And it allows each slice to have a clean quality cutting surface. It can not only be produced stand-alone but also be fully matched with extruder.

UFM2100 Inline Ultrasonic Slicing machine

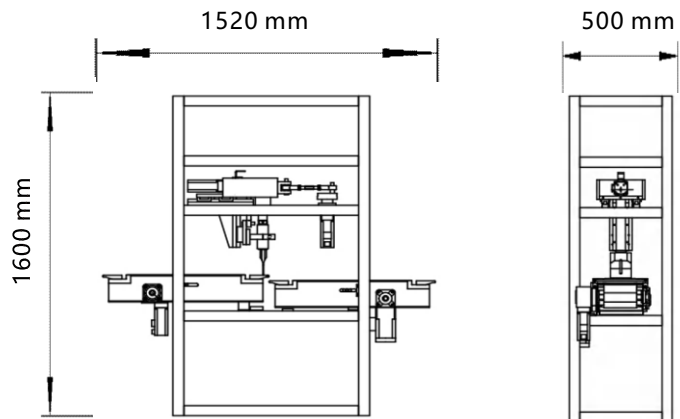


Key features

- Fully Stainless steel construction & food grade plastics
- Easy to clean the blade and machine
- A wide range of blade types for various applications
- Slicing bar-shaped products only
- A function of sterilization with UV light (Optional)
- Safety protective door
- Servo Motor driven ultrasonic blade
- Easy-to-use editing programs
- 3 user login levels-operator, supervisor and technician

Services Required

- Single Phase supply : 220V 50-60 Hz 10A
- Compressed Air: No
- Water pressure: No



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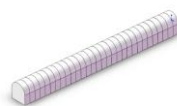
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UFM2300

Ultrasonic Loaf Cutting Machine

- Average speed: about 600-1200 products per hour
- Friendly and easy operation
- Reliable and durable ultrasonic machine
- Increased quality and labor saving enhance capacity
- Improved portion quality and consistency



Slice Mode

UFM2300 Ultrasonic Cake Bars Cutting Machine, this is a custom machine designed for continuous supplied product to cut cake bars and loaf products into slices. The machine can be configured to cut from 1-10 loaves side by side automatically depending on width of product. The blade frame can be fitted with 4 ultrasonic blade system to cut fresh and sticky products. This machine has high cutting efficiency and can cut products up to 1 meter wide and can produce 1200 Loaves per hour.

UFM2300 Ultrasonic Loaf Cutting Machine

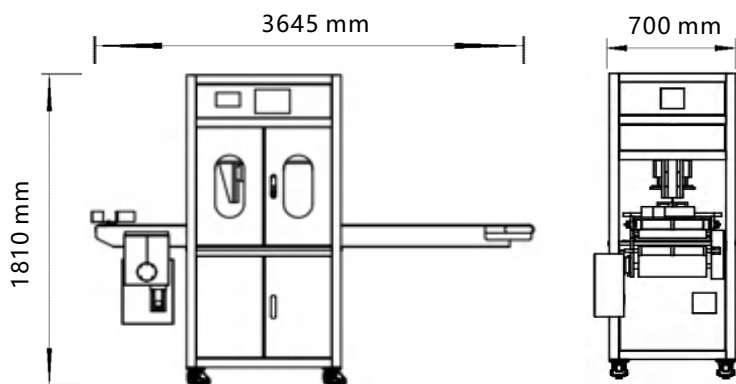


Key features

- Fully Stainless steel construction & food grade plastics
- Easy to clean the blade and machine
- A wide range of blade types for various applications
- Slicing bar-shaped, loaf products
- A function of sterilization with UV light (Optional)
- Safety protective door
- Motor-driven rotary ultrasonic blade
- Easy-to-use editing programs
- 3 user login levels-operator, supervisor and technician

Services Required

- Single Phase supply : 220V 50-60 Hz 10A
- Compressed Air: 0.6 Mpa
- Water pressure: No



Business Department

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China Branch

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market2@cheersonic.com

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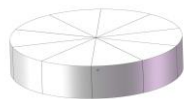
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UFM3100P

Inline Ultrasonic Round Cake Portioning Machine

- Average speed: about 150-280 products per hour
- Color touch screen with User friendly interface
- Reliable and durable ultrasonic machine
- Increased quality and labor saving enhance capacity
- Improved portion quality and consistency

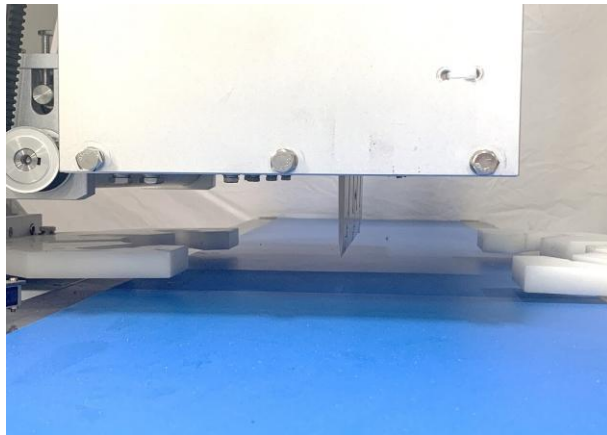


Round Portion Mode



Slice Mode

UFM3100P is a high-production inline machine features one cutting station with manual load and automatic offload with paper Inserts. The cutting speeds up to 4 cakes per minute. Slicing both round and loaf products with changing-over quickly. The cutting station has servo-driven ultrasonic blade heads and the conveyor is run by a servo drive for accurate and fast positioning. This machine is best for a high production facility slicing more than 200 cakes per hour.

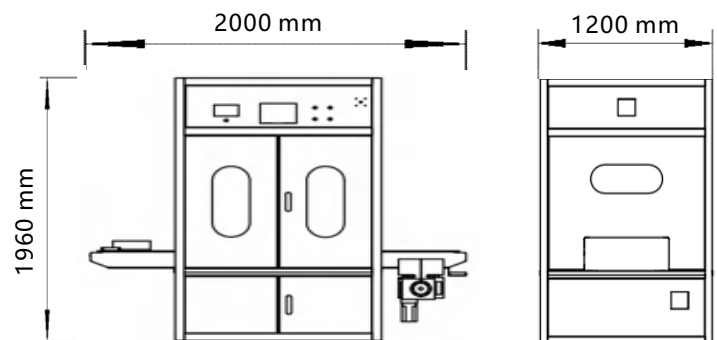


Key features

- Fully Stainless steel construction & food grade plastics
- Using divider inserts between each portioning
- A wide range of blade types for various applications
- Slicing both round and bar-shaped products
- A function of sterilization with UV light (Optional)
- Safety protective door
- Motor-driven rotary ultrasonic blade
- Easy-to-use editing programs
- 3 user login levels-operator, supervisor and technician

Services Required

- Single Phase supply : 220V 50-60 Hz 10A
- Effective cutting height: 85mm
- Maximum cutting width: 300mm



Business Department

T: +86 571 87910406

M: +86 15869049660

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China Branch

No.13,chuangye Road,Changkou Industrial Park

Hangzhou,Zhejiang Province,China 311400

market2@cheersonic.com

www.cheersonic-food.com



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UFM3100S

Inline Ultrasonic Sandwich Portioning Machine

- Average speed: about 1800-2200 pieces per hour
- Color touch screen with User friendly interface
- Reliable and durable
- Increased quality and labor saving enhance capacity
- Improved portion quality and consistency



UFM3100S is an intelligent inline slicing machine with ultrasonic cutting technology, specially designed for sandwiches and wraps portioning. Cooperated with a fixture to fix sandwiches, it offers a more precise cut. And it allows each slice to have a clean quality cutting surface. The ultrasonic slicer could operate 900-1100 sandwiches per hour.

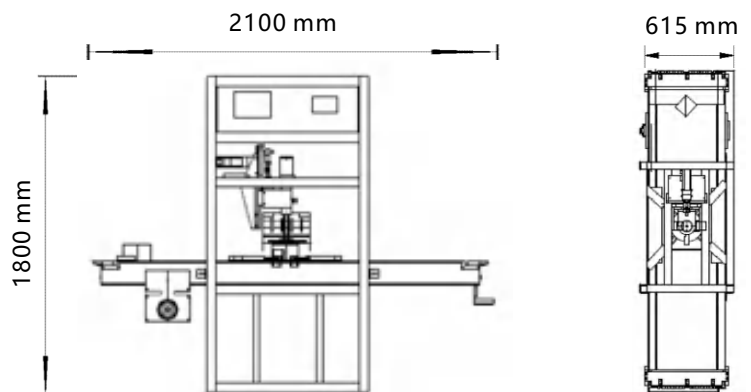


Key features

- Fully Stainless steel construction & food grade plastics
- Conveyor belt speed could be adjustable
- A wide range of blade types for various applications
- Pre-programmed to cut half, quarters
- A function of sterilization with UV light (Optional)
- Safety protective door
- Servo Motor driven ultrasonic blade
- Easy-to-use editing programs
- 3 user login levels-operator, supervisor and technician

Services Required

- Single Phase supply : 220V 50-60 Hz 10A
- Compressed Air: 0.6 Mpa
- Water pressure: No



Business Department

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M: +86 15869049660

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China Branch

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market2@cheersonic.com

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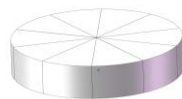
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UFM3300

Inline Ultrasonic Round Cake Portioning Machine

- Average speed: about 1000-1800 products per hour
- Color touch screen with User friendly interface
- Reliable and durable
- Increased quality and labor saving enhance capacity
- Improved portion quality and consistency



Round Portion Mode

UFM3300 is an inline ultrasonic food cutting machine specially designed for round products portioning. It can be programmed to process a wide range of recipes from frozen to ambient, like sponge cake, cheese cakes, pies, pizza and so on. Equipped with three fixtures, it is able to cut three products simultaneously. Featuring a single cutting mode, it is much suitable for manufacturers who only supply round products. But as a conveyor-based machine, it could be used not only as a stand alone solution, but also be integrated into existing production lines.

UFM3300 Inline Ultrasonic Round Slicing Machine

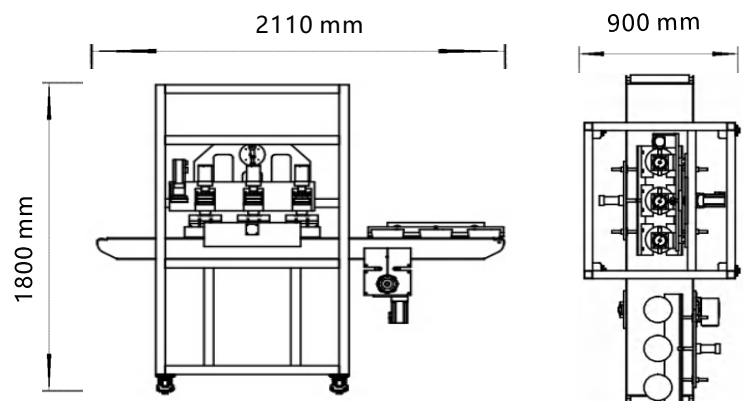


Key features

- Fully Stainless steel construction & food grade plastics
- Easy to clean the blade and machine
- A wide range of blade types for various applications
- Portioning three round products in the meantime
- A function of sterilization with UV light (Optional)
- Safety protective door
- Motor-driven rotary ultrasonic blade
- Easy-to-use editing programs
- 3 user login levels-operator, supervisor and technician

Services Required

- Single Phase supply : 220V 50-60 Hz 10A
- Compressed Air: 0.6 Mpa
- Water pressure: No



Business Department

T: +86 571 87910406

M: +86 15869049660

Email: sale8@cheersonic.com

China Branch

No.13,chuangye Road,Changkou Industrial Park

Hangzhou,Zhejiang Province,China 311400

market2@cheersonic.com

www.cheersonic-food.com



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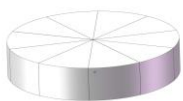
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UFM5000

Intelligent Ultrasonic Food Portioning Machine

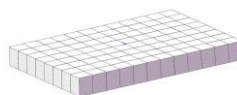
- Average speed: about 30-100 products per hour
- Color touch screen with User friendly interface
- Reliable and durable
- Increased quality and labor saving enhance capacity
- Improved portion quality and consistency



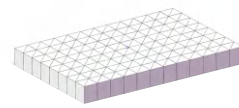
Round Portion Mode



Slice Mode

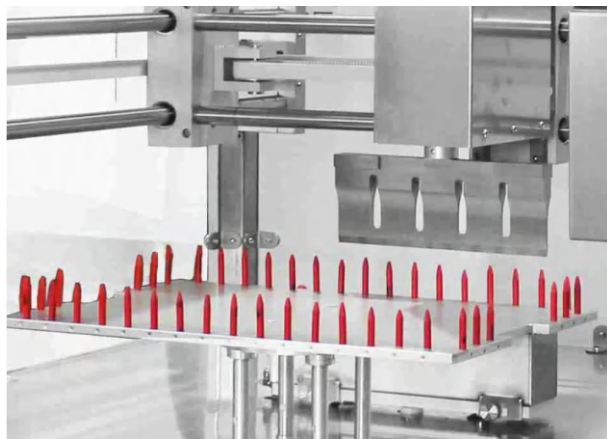


Rectangle Cut Into Square



Rectangle Cut Into Triangle

UFM5000 is an intelligent portioning machine with ultrasonic cutting technology, built to slice sticky, frozen, delicate and difficult products, such as sponges cakes, cheesecakes, brownie cakes, pies, quiches, pizzas, pastries, flapjacks and other products with a wide range of temperature from -15 degree Celsius to ambient temperature. And it allows each slice to have a clean quality cutting surface. The machine UFM5000 could slice both round and half sheet products in or out of pan.

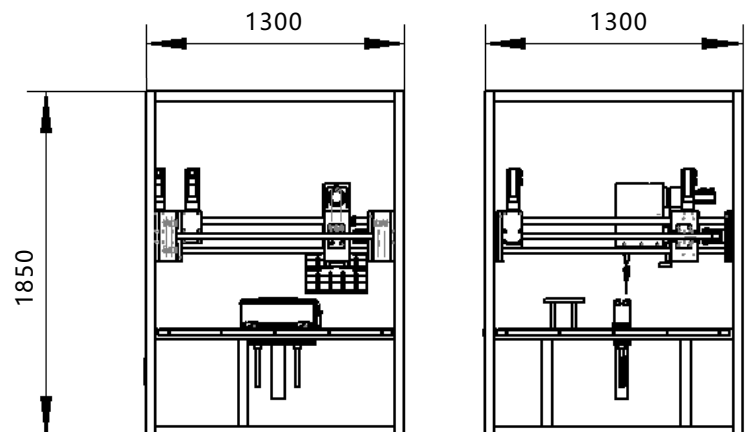


Key features

- Fully Stainless steel construction & food grade plastics
- Blade self-cleaning and self-dry
- A wide range of blade types for various applications
- Slicing both round and half sheet products with changing-over quickly
- A function of sterilization with UV light (Optional)
- Remote access capability with wifi (Optional)
- Safety protective grating
- Motor-driven rotary ultrasonic blade
- Easy-to-use editing programs
- 3 user login levels-operator, supervisor and technician

Services Required

- Single Phase supply : 220V 50-60 Hz 10A
- Compressed Air: 0.6 Mpa
- Water pressure: ≥ 0.2 Mpa



Business Department

T: +86 571 87910406

M: +86 15869049660

Email: sale8@cheersonic.com

China Branch

No.13,chuangye Road,Changkou Industrial Park

Hangzhou,Zhejiang Province,China 311400

market2@cheersonic.com

www.cheersonic-food.com



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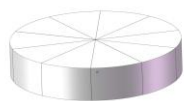
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UFM5100

Desktop Ultrasonic Portioning Machine

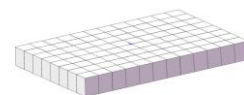
- Average speed: about 20-80 products per hour
- Color touch screen with User friendly interface
- Reliable and durable
- Increased quality and labor saving enhance capacity
- Improved portion quality and consistency



Round Portion Mode

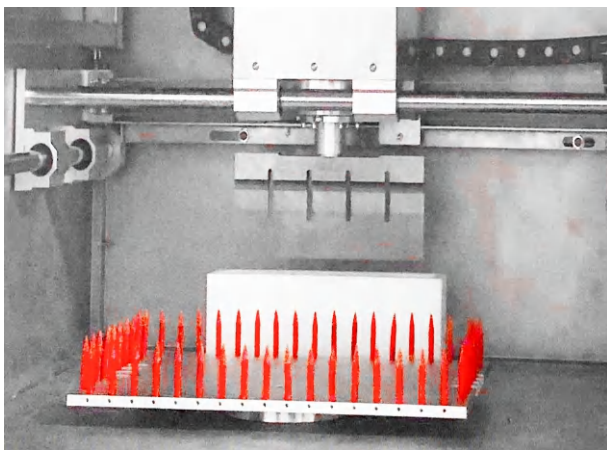


Slice Mode



Rectangle Cut Into Square

UFM5100 is a desktop food portioning machine with ultrasonic cutting technology, built to process sticky, frozen, delicate and complex products, such as sponge cakes, cheesecakes, brownie cakes, pies, quiches, pizza, pastries and other products with a wide range of temperature from -15 degree Celsius to ambient temperature. And it allows each slice to have a clean quality cutting surface. Featuring a smaller dimension, it is suitable for small-medium business with relatively low output and limited space. The machine UFM4000 could slice both round and half sheet products out of pan. medium-high outputs and more space.

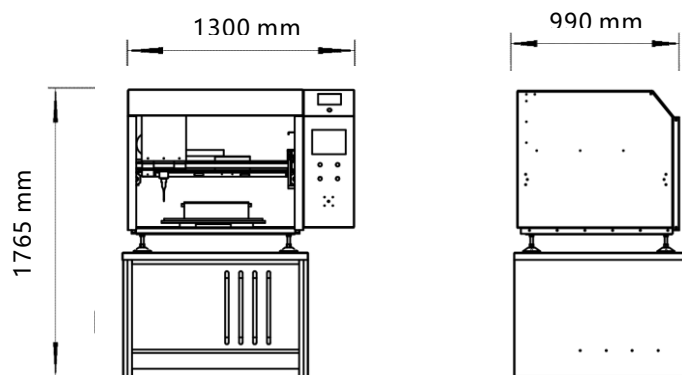


Key features

- Fully Stainless steel construction & food grade plastics
- Blade self-cleaning
- A wide range of blade types for various applications
- Slicing both round and half sheet products with changing-over quickly
- A function of sterilization with UV light (Optional)
- Safety protective grating
- Motor-driven rotary ultrasonic blade
- Easy-to-use editing programs
- 3 user login levels-operator, supervisor and technician

Services Required

- Single Phase supply : 220V 50-60 Hz 10A
- Compressed Air: No
- Water pressure: No



Business Department

T: +86 571 87910406

M: +86 15869049660

Email: sale8@cheersonic.com

China Branch

No.13,chuangye Road,Changkou Industrial Park

Hangzhou,Zhejiang Province,China 311400

market2@cheersonic.com

www.cheersonic-food.com



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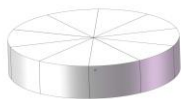
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UFM5500

Inline Ultrasonic Food Portioning Machine

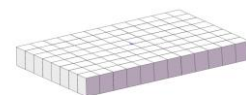
- Average speed: about 120-300 products per hour
- Color touch screen with User friendly interface
- Reliable and durable
- Increased quality and labor saving enhance capacity
- Improved portion quality and consistency



Round Portion Mode

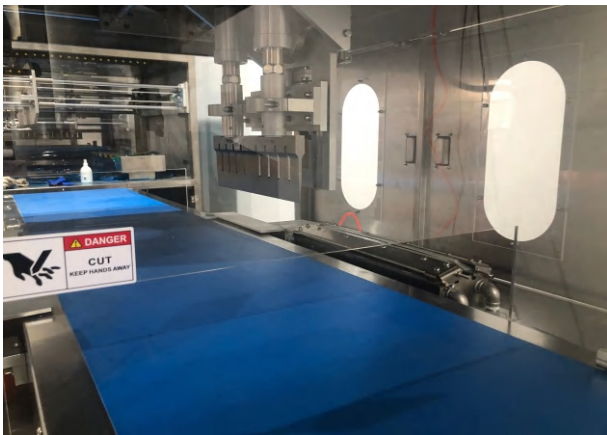


Slice Mode



Rectangle Cut Into Square

UFM5500 is an inline food cutting machine with ultrasonic cutting technology, built to process sticky, frozen, delicate and complex products, such as sponge cakes, cheese cakes, brownie cakes, pies, quiches, pizzas, pastries and other products with a wide range of temperature from -15 degrees Celsius to ambient temperature. And it allows each slice to have a clean quality cutting surface. Featuring a conveyor belt, it can be not only used as a standalone solution, but also integrated into existing production line. The machine UFM5500 could slice both round, half sheet and loaf products out of pan.

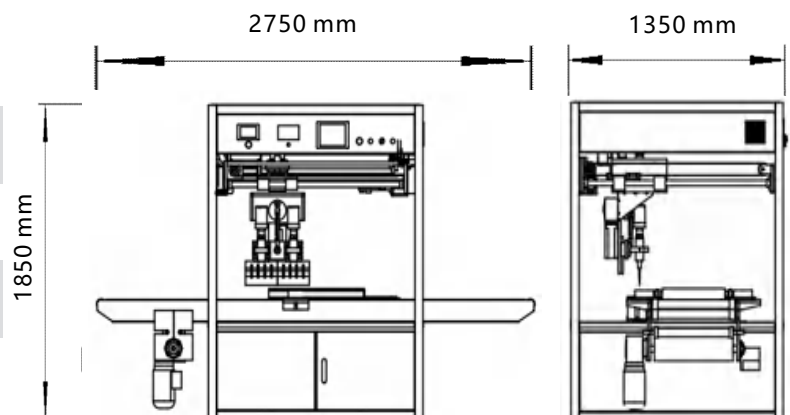


Key features

- Fully Stainless steel construction & food grade plastics
- Blade self-cleaning and self-dry
- A wide range of blade types for various applications
- Slicing both round and half sheet products with changing-over quickly
- A function of sterilization with UV light (Optional)
- Safety protective door
- Motor-driven rotary ultrasonic blade
- Easy-to-use editing programs
- 3 user login levels-operator, supervisor and technician

Services Required

- Single Phase supply : 220V 50-60 Hz 10A
- Compressed Air: 0.6 Mpa
- Water pressure: ≥ 0.2 Mpa



Business Department

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M: +86 15869049660

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Hangzhou,Zhejiang Province,China 311400

market2@cheersonic.com

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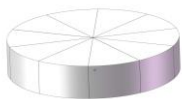
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UFM6000

Automatic Ultrasonic Slicing Machine

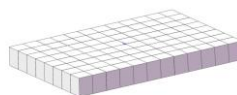
- Average speed: about 60-200 products per hour
- Color touch screen with User friendly interface
- Reliable and durable ultrasonic machine
- Increased quality and labor saving enhance capacity
- Improved portion quality and consistency



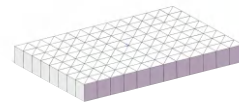
Round Portion Mode



Slice Mode



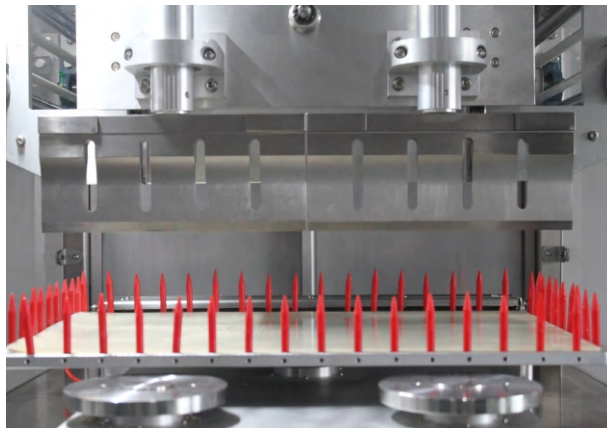
Rectangle Cut Into Square



Rectangle Cut Into Triangle

UFM6000 is an automatic food slicing machine with ultrasonic cutting technology, built to slice sticky, frozen, delicate and difficult products, such as sponges cakes, cheesecakes, brownie cakes, pies, quiches, pizzas, pastries, flapjacks and other products with a wide range of temperature from -15 degree Celsius to ambient temperature. And it allows each slice to have a clean quality cutting surface. The machine UFM6000 could slice two round products at the same time and half sheet products out of pan.

UFM6000 Automatic Ultrasonic Slicing Machine

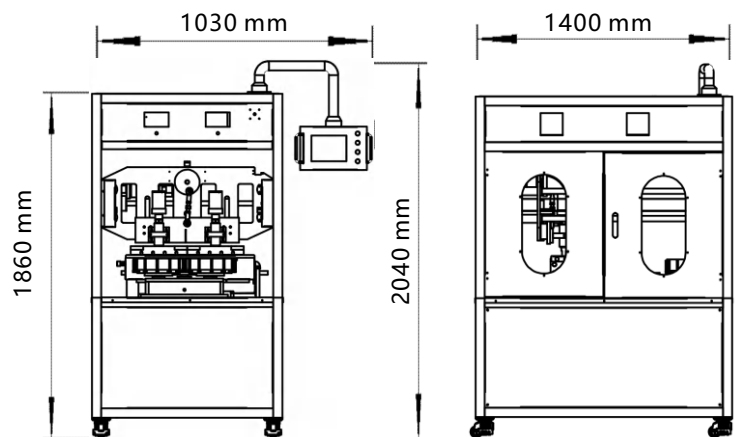


Key features

- Fully Stainless steel construction & food grade plastics
- Blade self-cleaning and self-dry
- A wide range of blade types for various applications
- Slicing both round and half sheet products with changing-over quickly
- A function of sterilization with UV light (Optional)
- Remote access capability with wifi (Optional)
- Safety protective grating
- Motor-driven rotary cutting platform
- Easy-to-use editing programs
- 3 user login levels-operator, supervisor and technician

Services Required

- Single Phase supply : 220V 50-60 Hz 10A
- Compressed Air: 0.6 Mpa
- Water pressure: ≥ 0.2 Mpa



Business Department

T: +86 571 87910406

M: +86 15869049660

Email: sale8@cheersonic.com

China Branch

No.13,chuangye Road,Changkou Industrial Park

Hangzhou,Zhejiang Province,China 311400

market2@cheersonic.com

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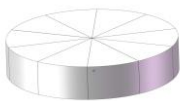
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UFM6100

Intelligent Ultrasonic Portioning Machine

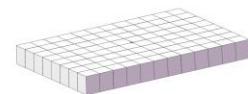
- Average speed: about 60-100 products per hour
- Color touch screen with User friendly interface
- Reliable and durable ultrasonic machine
- Increased quality and labor saving enhance capacity
- Improved portion quality and consistency



Round Portion Mode



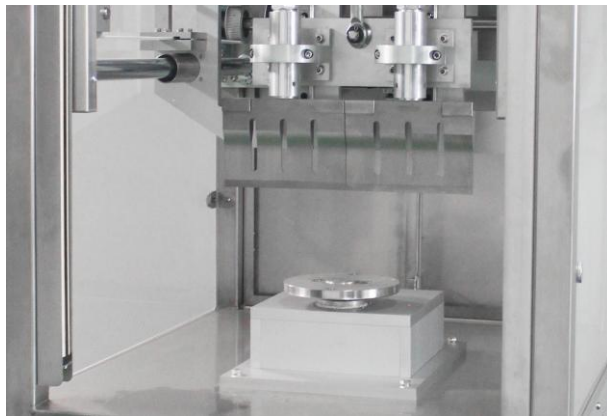
Slice Mode



Rectangle Cut Into Square

UFM6100 is an intelligent food slicing machine with ultrasonic cutting technology, built to process sticky, frozen, delicate and complex products, such as sponge cakes, cheese cakes, brownie cakes, pies, quiches, pizza, pastries and other products with a wide range of temperature from -15 degree Celsius to ambient temperature. And it allows each slice to have a clean quality cutting surface. The machine UFM6400 could slice both round and half sheet products out of pan. It would suit to manufacturers with small-medium outputs and limited space.

UFM6100 Intelligent Ultrasonic Portioning Machine

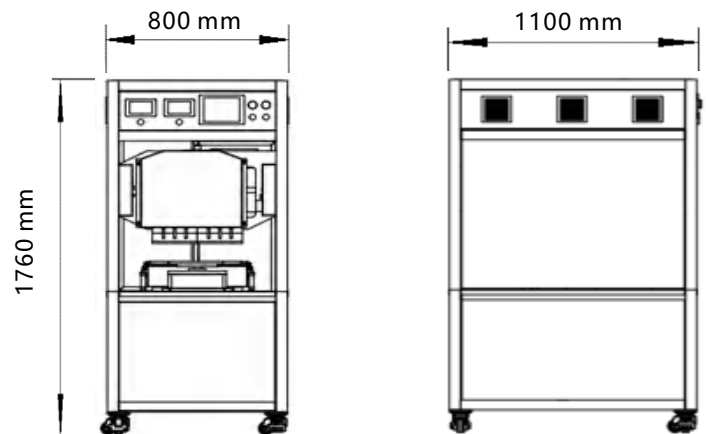


Key features

- Fully Stainless steel construction & food grade plastics
- Easy to clean the blade and machine
- A wide range of blade types for various applications
- Slicing both round and half sheet products with changing-over quickly
- A function of sterilization with UV light (Optional)
- Safety protective grating
- Motor-driven rotary cutting platform
- Easy-to-use editing programs
- 3 user login levels-operator, supervisor and technician

Services Required

- Single Phase supply : 220V 50-60 Hz 10A
- Compressed Air: No
- Water pressure: No



Business Department

T: +86 571 87910406

M: +86 15869049660

Email: sale8@cheersonic.com

China Branch

No.13,chuangye Road,Changkou Industrial Park

Hangzhou,Zhejiang Province,China 311400

market2@cheersonic.com

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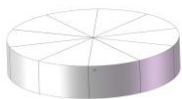
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UFM6600

Automatic Ultrasonic Portioning Machine

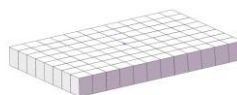
- Average speed: about 60-200 products per hour
- Color touch screen with User friendly interface
- Reliable and durable ultrasonic machine
- Increased quality and labor saving enhance capacity
- Improved portion quality and consistency



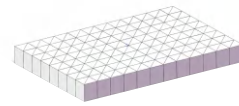
Round Portion Mode



Slice Mode

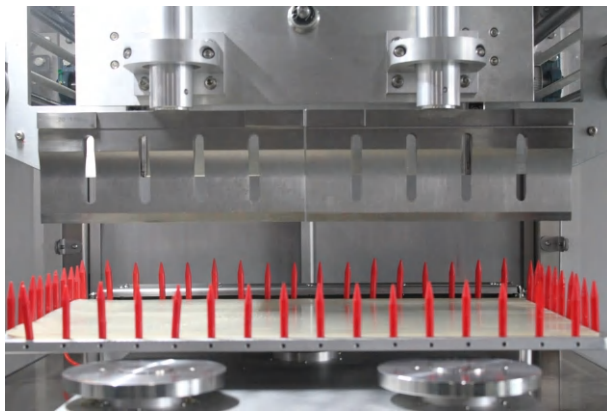


Rectangle Cut Into Square



Rectangle Cut Into Triangle

UFM6600 is an automatic food slicing machine with ultrasonic cutting technology, built to slice sticky, frozen, delicate and difficult products, such as sponges cakes, cheesecakes, brownie cakes, pies, quiches, pizzas, pastries, flapjacks and other products with a wide range of temperature from -15 degree Celsius to ambient temperature. And it allows each slice to have a clean quality cutting surface. The machine UFM6600 could slice two round products at the same time and sheet products out of pan.

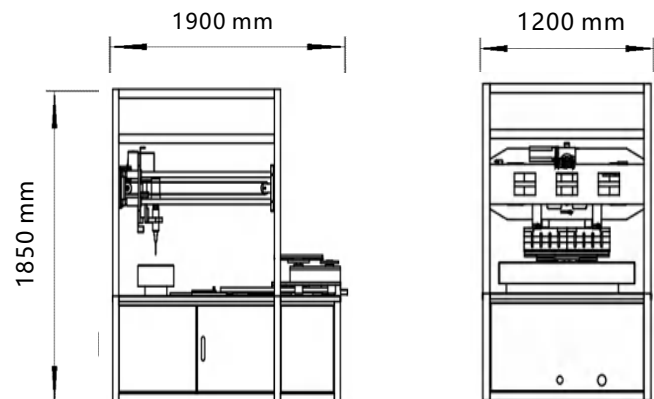


Key features

- Fully Stainless steel construction & food grade plastics
- Blade self-cleaning and self-dry
- A wide range of blade types for various applications
- Slicing both round and half sheet products with changing-over quickly
- A function of sterilization with UV light (Optional)
- Safety protective grating
- Motor-driven rotary cutting platform
- Easy-to-use editing programs
- 3 user login levels-operator, supervisor and technician

Services Required

- Single Phase supply : 220V 50-60 Hz 10A
- Compressed Air: 0.6 Mpa
- Water pressure: ≥ 0.2 Mpa



Business Department

T: +86 571 87910406

M: +86 15869049660

Email: sale8@cheersonic.com

China Branch

No.13,chuangye Road,Changkou Industrial Park

Hangzhou,Zhejiang Province,China 311400

market2@cheersonic.com

www.cheersonic-food.com



CHEERSONIC

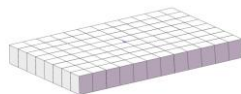
intelligent ultrasonic solutions



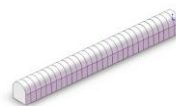
UFM8000

Inline Ultrasonic Food Slicing Equipment

- Average speed: about 200-350 products per hour
- Color touch screen with User friendly interface
- Reliable and durable ultrasonic machine
- Increased quality and labor saving enhance capacity
- Improved portion quality and consistency



Rectangle Cut Into Square



Slice Mode

UFM8000 is an inline food slicing machine with ultrasonic cutting technology, built to process sticky, frozen, delicate and complex products, such as sponge cakes, cheese cakes, brownie cakes, pies, quiches, pizza, pastries and other products with a wide range of temperature from -15 degree Celsius to ambient temperature. And it allows each slice to have a clean quality cutting surface. Featuring four conveyor belts in total, it can be not only used as a standalone solution, but also integrated into existing production line. The machine UFM8000 could slice both bar-shaped and half sheet products out of pan. It would suit to manufacturers with medium-high outputs and more space.

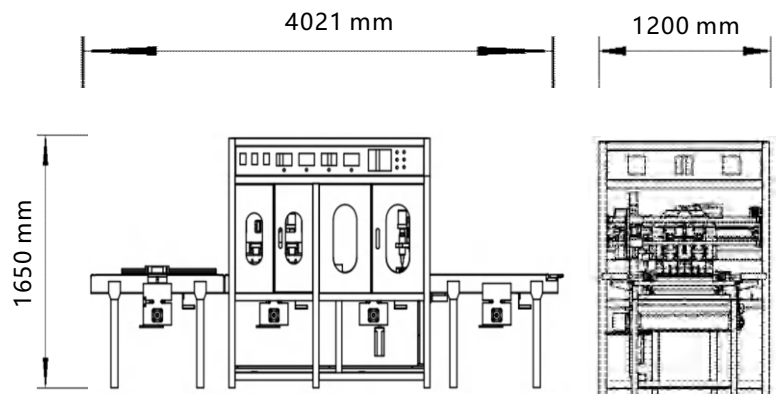


Key features

- Fully Stainless steel construction & food grade plastics
- Easy to clean the blade and machine
- A wide range of blade types for various applications
- Slicing both bar-shaped and sheet products with changing-over quickly
- A function of sterilization with UV light (Optional)
- Safety protective door
- Servo Motor driven ultrasonic blade
- Easy-to-use editing programs
- 3 user login levels-operator, supervisor and technician

Services Required

- Single Phase supply : 220V 50-60 Hz 10A
- Compressed Air: No
- Water pressure: No



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CHEERSONIC

- Customization of a whole set of ultrasonic solution
- Assistance in exploring and developing new application area
- Integration of R&D, manufacturing, marketing and after sale
- 24/7 Consultation on engineering design and technical issues

