



Create a clean world by heart

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VACUUM CLEANER LEADER





MARGE - Let more people enjoy
the leading medical science
and technology services.



Company Introduction

With the help of the technology accumulation in the field of ultrasound precision cleaning of the head company (Shenzhen KEEPAHEAD Utrasound Equipment Co.,Ltd.)for more than 20 years,Marge took three years to successfully develop a vacuum ltrasonic cleaning disinfector specially forcleaning endoscopes and other high-precision modical rminimally nvasive instruments, which can prvide customers with comprehensive cleaning and disinfection solutions. Marga's vacuum ultrasonic cleaning disinfector has absorbed advanced cleaning technology from developed countries andregions such as Europe,America , Japan and so on. It ingeniously integrates vacuum ultrasonic technology. multi-stage variable pressure pulse cleaning technology.vacuum perfusion technology and wacuum drying technologyinto a machine, which can solve the problem of precise cleaning.disinfaction and drying of endoscopes with one key. As soon as the product came out, it won the favor of the vast numberof users and became a best-selling product.

Test reports of Marge products

The removal rate of biofilm detected by the Chinese Center for Disease Control and Prevention is 99.99%, which meets the national standard.



Technology Achievement Certificates of Marge Products.

It has acquired the certificate of scientific and technological achievements appraisal of the Ministry of Science and Technology, and is recognized as the technological innovation achievements of the Ministry of Science and Technology





Technological process

- Pre-cleaning → vacuum ultrasonic cleaning + multistage variable pressure pulse cleaning ensures the quality of treatment and greatly improves the working efficiency

Technology Parameter

- Overall size: 700*420*400mm
- Cleaning Capacity: 28L
- Clean basket size: 480*250*50mm
- Clean basket Quantity: 2Pcs
- Ultrasonic frequency: 40KHz or 80KHz
- Ultrasonic power: 600W
- Heating method: Electrical heating
- Heating power: 4KW
- Total power: 5KW
- Opening method: Manual method
- Temperature control range: room temperature-60 °C
- Power supply: 220V 3 phases in 5 wires
- Work Cycle: 10min(it can be set according to different instrument)
- Waterhead pressure: 0.2Mpa-0.5Mpa
- Water quality Requirement: Pure water softened water
- Inlet pipe spec: 1/2 inch
- Outlet pipe spec: 1/2 inch

Vacuum ultrasonic cleaning device (Table Type)

MAG-TS28

Scope of Application

Precision cleaning of all kinds of lumen instruments, precision instruments, scalpel, hemostatic forceps, forceps and other conventional surgical instruments and instruments etc.

Equipment Characteristics

- Function: Cleaning
- Vacuum ultrasonic cleaning technology can enhance the density of the cleaning solution and significantly improve the efficiency of ultrasonic stripping of dirt.
- Multistage variable pressure pulse cleaning technology can efficiently clean cavity, blind hole, joint, slit and other parts, and avoid mutual injury of instruments
- Come with pre-cleaning, save labor, avoid pathogen infection and secondary pollution of instrument cleaning link

Intelligent Control

- manual clamshell door, simple structure, low failure rate
- Intelligent digital display (ultrasonic power, frequency, cleaning temperature and time), real-time control of operating conditions
- Touch screen operation, a variety of programs to choose, to meet the cleaning requirements of different customers and different instruments
- Working data can be saved for more than 3 years
- High and low liquid level safety control and automatic fault detection alarm system



Vacuum ultrasonic cleaning and disinfection device (Foot Mounting Type)

MAG-35

Scope of Application

Precision cleaning of all kinds of lumen instruments, precision instruments, scalpel, hemostatic forceps, forceps, dental hand machinery etc.

Equipment Characteristics

- Fully automatic integration of cleaning, rinsing, disinfection and vacuum drying
- Vacuum ultrasonic cleaning technology can enhance the density of the cleaning solution and significantly improve the efficiency of ultrasonic stripping of dirt.
- Multistage variable pressure pulse cleaning technology can efficiently clean cavity, blind hole, joint, slit and other parts, and avoid mutual injury of instruments
- Vacuum perfusion cleaning technology, efficient extraction of stains falling off the straw cavity, avoid dead corner residue
- Special silicone tube joint, can clean more than 10 lumen instruments at a time
- 3S composite cleaning technology system is constructed by three cleaning technologies, namely Vacuum ultrasonic, multistage variable pressure pulse and vacuum perfusion, to guarantee high standard and high efficiency cleaning effect
- Vacuum drying technology improves the drying efficiency of traditional hot air and makes drying more thorough

- It comes with pre-cleaning, saving labor, avoiding pathogen infection and secondary pollution of instrument cleaning. Manual clamshell door, simple structure, low failure rate
- Intelligent Control**
 - Intelligent digital display (ultrasonic power, frequency, cleaning temperature and time), real-time control of operating conditions
 - Touch screen operation, a variety of programs to choose, to meet the cleaning requirements of different customers and different instruments
 - Working data can be saved for more than 3 years
 - High and low liquid level safety control and automatic fault detection alarm system
 - A variety of cleaning process program optional design. Meet the customized requirements of personalized clearing process · Pre-cleaning is provided, saving labor, avoiding pathogen infection and secondary pollution of instrument cleaning. Manual clamshell door, simple structure, low failure rate



Technological process

- Pre-cleaning → vacuum ultrasonic cleaning +vacuum perfusion + multistage variable pressure pulse cleaning+second stage rinse+disinfection apply oil+vacuum dry, ensures the quality of treatment and greatly improves the working efficiency

Technology Parameter

- | | |
|---|--|
| ·Overall size:850*600*800mm | ·Opening method:Manual method |
| ·Cleaning Capacity:35L | ·Temperature control range:room temprature-100℃ |
| ·Clean basket size:480*250*75mm | ·Power supply:380V 3 phases in 5 wires |
| ·Clean basket Quantity:1Pc(10pcs of dedicated connectors) | ·Work Cycle: 55min(it can be set according to different instrument) |
| ·Ultrasonic fequency: 40KHz | ·Waterhead pressure:0.2Mpa-0.5Mpa |
| ·Ultrasonic power: 800W | ·Water quality Requirment: Pure water softened water |
| ·Heating method: Electrical heating | ·Inlet pipe spec: 1/2 inch+1/2inch(tap water) |
| ·Heating power: 9KW | ·Outlet pipe spec: 3/4 inch |
| ·Heating blower gun: 2.5KW | ·Printer: thermosenstive printer roll paper 80* Φ50mm |
| ·Total power: 15KW | |

Vacuum ultrasonic cleaneing device

MAG-YJZK80

Scope of Application

Precision cleaning hard and soft lumen instruments, precision instruments, normal surgical instruments and appliance etc.

Equipment Characteristics

- Fully automatic integration of cleaning, rinsing, apply oil and vacuum drying
- Vacuum ultrasonic cleaning technology can enhance the density of the cleaning solution and significantly improve the efficiency of ultrasonic stripping of dirt.
- Multistage variable pressure pulse cleaning technology can efficiently clean cavity, blind hole, joint, slit and other parts, and avoid mutual injury of instruments
- Vacuum perfusion cleaning technology, efficient extraction of stains falling off the lumen, avoid dead corner residue
- Special silicone tube joint, can clean more than 20 lumen instruments at a time
- 3S composite cleaning technology system is con-structed by three cleaning technologies, namely vacuum ultrasonic, multistage variable pressure pulse and vacuum perfusion, to guarantee high standard and high efficiency cleaning effect
- Vacuum drying technology improves the drying efficiency of traditional hot air and makes drying more thorough
- Sterilization can be done at the end of the cleaning process without additional drying
- It comes with pre-cleaning, saving labor, avoiding pathogen infection and secondary pollution of instrument cleaning.
- Automatic clamshell door, simple operation, easy to take and put



Intelligent control

- Intelligent digital display (ultrasonic power, frequency, cleaning temperature and time), real-time control of operating conditions
- Touch screen operation with big size, a variety of programs to choose, to meet the cleaning requirements of different customers and different instruments
- Working data can be saved for more than 3 years
- Intellient information management system to record every operation details
- High and low liquid level safety control and automatic fault detection alarm system

Technological process

- Pre-cleaning → vacuum ultrasonic cleaning + multistage variable pressure pulse cleaning+second stage rinse+ disinfection apply oil+vacuum hot wind dry, ensures the quality of treatment and greatly improves the working efficiency

Technology Parameter

- Overall size:1160*750*870mm
- Cleaning Capacity:80L
- Clean basket size:650*360*110mm
- Clean basket quantity:1pc
- Ultrasonic frequency: 40KHz
- Ultrasonic power: 1.2KW
- Heating method: Electrical heating (it is opital steam heating)
- Heating power: 18KW
- Total power: 24KW
- Opening method:Electric method
- Temperature control range:room temrature-100℃
- Power supply:380V 3 phases in 5 wires
- Work Cycle: 65min(it can be set automatically)
- Waterhead pressure:0.2Mpa-0.5Mpa
- Inlet pipe spec: 3/4 inch+1/2inch(tap water)
- Outlet pipe spec: 3/4 inch
- Printer: thermosenstive printer roll paper 80* Φ50mm
- Compressed air: 0.5Mpai-0.6Mpa connect Φ8 hose

Acuum Ultrasonic Cleaning and Disinfection Device (Standard type)

MAG-120

Scope of Application

Precision cleaning hard and soft lumen apparatus, precision apparatus, normal surgical apparatus and appliance etc.

Equipment Characteristics

- Fully automatic integration of cleaning, rinsing, disinfection, apply oil and vacuum drying
- Vacuum ultrasonic cleaning technology can enhance the density of the cleaning solution and significantly improve the efficiency of ultrasonic stripping of dirt.
- Multistage variable pressure pulse cleaning technology can efficiently clean cavity, blind hole, joint, slit and other parts, and avoid mutual injury of instruments
- Vacuum perfusion cleaning technology, efficient extraction of stains falling off the lumen, avoid dead corner residue
- Special silicone tube joint, can clean more than 40 lumen instruments at a time
- 3S composite cleaning technology system is constructed by three cleaning technologies, namely vacuum ultrasonic, multistage variable pressure pulse and vacuum perfusion, to guarantee high standard and high efficiency cleaning effect
- Vacuum drying technology improves the drying efficiency of traditional hot air and makes drying more thorough
- Sterilization can be done at the end of the cleaning process without additional drying
- It comes with pre-cleaning, saving labor, avoiding pathogen infection and secondary pollution of instrument cleaning.
- Automatic clamshell door, simple operation, easy to take and put



Intelligent control

- Intelligent digital display (ultrasonic power, frequency, cleaning temperature and time), real-time control of operating conditions(optinal configuration)
- Touch screen operation with big size, a variety of programs to choose, to meet the cleaning requirements of different customers and different instruments
- Working data can be saved for more than 3 years
- Intellient information management system to record every operation details, with automatic printer
- High and low liquid level safety control and automatic fault detection alarm system

Technological process

- Pre-cleaning → vacuum ultrasonic cleaning + multistage variable pressure pulse cleaning+second stage rinse+ disinfection apply oil+vacuum hot wind dry, ensures the quality of treatment and greatly improves the working efficiency



Technology Parameter

- Overall size:1250*810*915mm
- Cleaning Capacity:120L
- Cleaning Quantity:40pcs
- Clean basket size:716*400*110mm
- Clean basket quantity:2Pcs
- Ultrasonic frequency: 40KHz
- Ultrasonic power: 2.4KW
- Heating method:Electric method
- Heating power: 18KW
- Total power: 24KW
- Opening method:Electrical method
- Temperature control range:room temrature-100℃
- Temperature of disinfection: Water temperature: 93℃
- Power supply:380V 3 phases in 5 wires
- Work Cycle: 65min(it can be set automatically)
- Waterhead pressure:0.2Mpa-0.5 Mpa
- Inlet pipe spec: 3/4 inch(Pure Water) +1/2(Tab water)
- Outlet pipe spec: 1-1/2 inch
- Compressed air: 0.5Mpai-0.7Mpa connect Φ8 pipe
- Printer: thermosenstive printer roll paper 80* Φ50mm



Intelligent control

- Intelligent digital display (ultrasonic power, frequency, cleaning temperature and time), real-time control of operating conditions(optinal configuration)
- Touch screen operation with big size, a variety of programs to choose, to meet the cleaning requirements of different customers and different instruments
- Working data can be saved for more than 3 years
- Intellient information management system to record every operation details, with automatic printer
- High and low liquid level safety control and automatic fault detection alarm system

Technological process

- Pre-cleaning → vacuum ultrasonic cleaning + multistage variable pressure pulse cleaning+second stage rinse+ disinfection apply oil+vacuum hot wind dry, ensures the quality of treatment and greatly improves the working efficiency

Technology Parameter

- Overall size:1250*810*915mm
- Cleaning Capacity:120L
- Cleaning Quantity:40pcs
- Clean basket size:716*400*110mm
- Clean basket quantity:2Pcs
- Ultrasonic frequency: 40KHz
- Ultrasonic power: 2.4KW
- Opening method:Electric method
- Heating power: 18KW
- Total power: 24KW
- Opening method:Electric method
- Temperature control range:room temrature-100℃
- Temperature of disinfection: Water temperature: 93℃
- Power supply:380V 3 phases in 5 wires
- Work Cycle: 65min(it can be set automatically)
- Waterhead pressure:0.2Mpa-0.5 Mpa
- Outlet pipe spec: 1-1/2 inch
- Compressed air: 0.5Mpai-0.7Mpa connect Φ8 pipe
- Printer: thermosenstive printer roll paper 80* Φ50mm

Acuum Ultrasonic Cleaning and Disinfection Device (Luxry type)

MAG-120

Scope of Application

Precision cleaning hard and soft lumen apparatus, precision apparatus, normal surgical apparatus and appliance etc.

Equipment Characteristics

- Fully automatic integration of cleaning, rinsing, disinfection, apply oil and vacuum drying
- Vacuum ultrasonic cleaning technology can enhance the density of the cleaning solution and significantly improve the efficiency of ultrasonic stripping of dirt.
- Multistage variable pressure pulse cleaning technology can efficiently clean cavity, blind hole, joint, slit and other parts, and avoid mutual injury of instruments
- Vacuum perfusion cleaning technology, efficient extraction of stains falling off the lumen, avoid dead corner residue
- Special silicone tube joint, can clean more than 40 lumen instruments at a time
- 3S composite cleaning technology system is constructed by three cleaning technologies, namely vacuum ultrasonic, multistage variable pressure pulse and vacuum perfusion, to guarantee high standard and high efficiency cleaning effect
- Vacuum drying technology improves the drying efficiency of traditional hot air and makes drying more thorough
- Sterilization can be done at the end of the cleaning process without additional drying
- It comes with pre-cleaning, saving labor, avoiding pathogen infection and secondary pollution of instrument cleaning.
- Automatic clamshell door, simple operation, easy to take and put
- Automatic cooling drainage system (optional)



Acuum Ultrasonic Cleaneing Device (Standard type)

MAG-SJYJ120

Scope of Application

Precision cleaning hard and soft lumen apparatus, precision aparatus, normal surgical apparatus and appliance etc.

Equipment Characteristics

- Fully automatic integration of cleaning, rinsing, disinfection, apply oil and vacuum drying
- Vacuum ultrasonic cleaning technology can enhance the density of the cleaning solution and significantly improve the efficiency of ultrasonic stripping of dirt.
- Multistage variable pressure pulse cleaning technology can efficiently clean cavity, blind hole, joint, slit and other parts, and avoid mutual injury of instruments
- Vacuum perfusion cleaning technology, efficient extraction of stains falling off the lumen, avoid dead corner residue
- Special silicone tube joint, can clean more than 40 lumen instruments at a time
- 3S composite cleaning technology system is constructed by three cleaning technologies,namely vacuum ultrasonic, multistage variable pressure pulse and vacuum perfusion, to guarantee high standard and high efficiency cleaning effect
- Vacuum drying technology improves the drying efficiency of traditional hot air and makes drying more thorough
- Sterilization can be done at the end of the cleaning process without additional drying
- It comes with pre-cleaning, saving labor, avoiding pathogen infection and secondary pollution of instrument cleaning.
- Automatic go down&up door, simple operation, easy to take and put



Intelligent control

- Intelligent digital display (ultrasonic power, frequency, cleaning temperature and time), real-time control of operating conditions(optinal configuration)
- Touch screen operation with big size, a variety of programs to choose, to meet the cleaning requirements of different customers and different instruments
- Working data can be saved for more than 3 years
- Intellient information management system to record every operation details, with automatic printer
- High and low liquid level safety control and automatic fault detection alarm system

Technological process

- Pre-cleaning → vacuum ultrasonic cleaning + multistage variable pressure pulse cleaning +second stage rinse+disinfection apply oil+ vacuum hot wind dry, ensures the quality of treatment and greatly improves the working efficiency



Technology Parameter

- Overall size:1350*810*915mm
- Cleaning Capacity:120L
- Cleaning Quantity:40pcs
- Clean basket quantity:2Pcs
- Ultrasonic frequency: 40KHz
- Ultrasonic power: 2.4KW
- Heating method:Electric method
- Heating power: 18KW
- Total power: 24KW
- Opening method:Automatic go& down door
- Temperature control range:room temrrature-100 C
- Power supply:380V 3 phases in 5 wires
- Work Cycle: 65min(it can be set automatically)
- Waterhead pressure:0.2Mpa-0.5 Mpa
- Inlet pipe spec: 3/4 inch(Pure Water) +1/2(Tab water)
- Outlet pipe spec: 1-1/2 inch
- Compressed air: 0.5Mpai-0.7Mpa connect Φ10mm pipe
- Printer: thermosensitive printer roll paper 80* Φ50mm

Acuum Ultrasonic Cleaning Device (Luxury type)

MAG-ZKFT150

Scope of Application

Precision cleaning hard and soft lumen apparatus, precision apparatus, normal surgical apparatus and appliance etc.

Equipment Characteristics

- Fully automatic integration of cleaning, rinsing, apply oil and vacuum drying
- Vacuum ultrasonic cleaning technology can enhance the density of the cleaning solution and significantly improve the efficiency of ultrasonic stripping of dirt.
- Multistage variable pressure pulse cleaning technology can efficiently clean cavity, blind hole, joint, slit and other parts, and avoid mutual injury of instruments
- Vacuum perfusion cleaning technology, efficient extraction of stains falling off the lumen, avoid dead corner residue
- Special silicone tube joint, can clean more than 64 lumen instruments at a time
- It comes with pre-cleaning, saving labor, avoiding pathogen infection and secondary pollution of instrument cleaning.
- 3S composite cleaning technology system is constructed by three cleaning technologies, namely vacuum ultrasonic, multistage variable pressure pulse and vacuum perfusion, to guarantee high standard and high efficiency cleaning effect
- Vacuum drying technology improves the drying efficiency of traditional hot air and makes drying more thorough
- Sterilization can be done at the end of the cleaning process without additional drying
- Automatic go down&up door, simple operation, easy to take and put

Intelligent control

- Intelligent digital display (ultrasonic power, frequency, cleaning temperature and time), real-time control of operating conditions(optimal configuration)
- Touch screen operation with big size, a variety of programs to choose, to meet the cleaning requirements of different customers and different instruments
- Working data can be saved for more than 3 years
- Intelligent information management system to record every operation details, with automatic printer
- High and low liquid level safety control and automatic fault detection alarm system
- Automatic drainage cooling system, the drainage is more safty

Technological process

- Pre-cleaning → vacuum ultrasonic cleaning + multistage variable pressure pulse cleaning +second stage rinse+disinfection apply oil+ vacuum hot wind dry, ensures the quality of treatment and greatly improves the working efficiency



Technology Parameter

- Overall size:1190*870*1800mm
- Cleaning Capacity:120L
- Cleaning quantity:64Pcs
- Clean basket quantity:2Pcs
- Ultrasonic frequency: 40KHz
- Ultrasonic power: 2.4KW
- Heating method:Electric method
- Main tank heating power: 16KW
- Ancillary tank heating power: 15KW
- Opening method:Automatic go & down door
- Temperature control range:room temrature-100 C
- Total power: 38KW
- Power supply:380V 3 phases in 5 wires
- Work Cycle: 45min(it can be set automatically)
- Waterhead pressure:0.2Mpa-0.5 Mpa
- Inlet pipe spec: 3/4 inch(Pure Water) +3/4(Tab water)
- Outlet pipe spec: 1-1/2 inch
- Compressed air: 0.5Mpai-0.7Mpa connect Φ10mm pipe
- Printer: thermosensitive printer roll paper 80* Φ50mm

Cabinet Type Vacuum Cleaning and Disinfection Device

MAG-GSZK 260

Scope of Application

Precision cleaning hard and soft lumen apparatus, precision apparatus, normal surgical apparatus and appliance etc.

Equipment Characteristics

- Fully automatic integration of cleaning, rinsing, apply oil and vacuum drying
- Vacuum ultrasonic cleaning technology can enhance the density of the cleaning solution and significantly improve the efficiency of ultrasonic stripping of dirt.
- Multistage variable pressure pulse cleaning technology can efficiently clean cavity, blind hole, joint, slit and other parts, and avoid mutual injury of instruments
- Vacuum perfusion cleaning technology, efficient extraction of stains falling off the lumen, avoid dead corner residue
- Special silicone tube joint, can clean more than 75 lumen instruments at a time, It can also carry 6 standard cleaning baskets for cleaning regular instruments
- High performance nozzle rotary spray cleaning technology, 360-degree powerful injection without dead Angle
- 3S composite cleaning technology system is constructed by three cleaning technologies, namely vacuum ultrasonic, multistage variable pressure pulse and vacuum perfusion, to guarantee high standard and high efficiency cleaning effect
- Vacuum drying technology improves the drying efficiency of traditional hot air and makes drying more thorough
- It comes with pre-cleaning, saving labor, avoiding pathogen infection and secondary pollution of instrument cleaning.
- Sterilization can be done at the end of the cleaning process without additional drying
- Automatic go down&up 2 leaf doors on back and front side, double doors interlock, simple operation, easy to take and put



Intelligent control

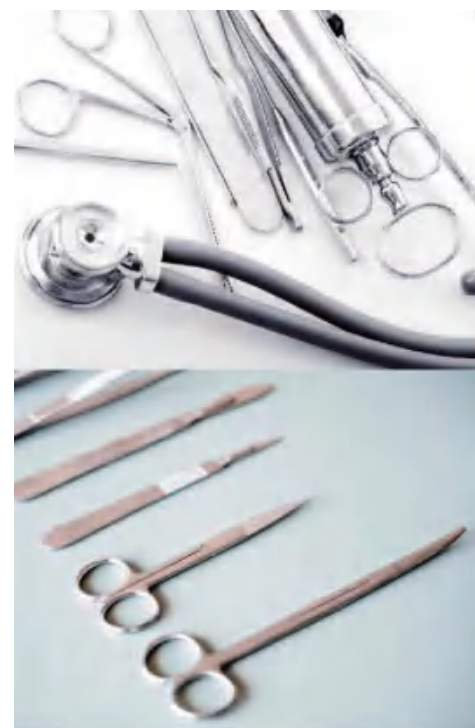
- Intelligent digital display (ultrasonic power, frequency, cleaning temperature and time), real-time control of operating conditions(optimal configuration)
- Touch screen operation with big size, a variety of programs to choose, to meet the cleaning requirements of different customers and different instruments
- Working data can be saved for more than 5 years, the data can be exported
- Intelligent information management system to record every operation details, with automatic printer
- Automatic drainage cooling system, the drainage is more safty
- High and low liquid level safety control and automatic fault detection alarm system

Technological process

- Pre-cleaning → vacuum ultrasonic cleaning + multistage variable pressure pulse cleaning+second stage rinse +disinfection apply oil+ vacuum hot wind dry, ensures the quality of treatment and greatly improves the working efficiency

Technology Parameter

- Overall size:1000*930*1800mm
- Cleaning Capacity:120L
- Cleaning quantity:75Pcs
- Basket size:570mm*400mm*70mm(endoscope basket)
- Clean basket quantity:3Pcs of endoscope baskets
- Standard clean basket quantity:6Pcs (498mm*230mm*50mm Opitonal)
- Ultrasonic frequency: 40KHz
- Ultrasonic power: 2.0KW
- Heating method:Electric method
- Total power: 40KW
- Main tank heating power: 16KW
- Ancillary tank heating power: 15KW
- Opening method:Automatic go & down 2 doors on the front and back side (top opening)
- Power supply:AC380V 3 phases in 5 wires
- Work Cycle: 60min(it can be set automatically)
- Waterhead pressure:0.2Mpa-0.5Mpa
- Airhead pressure:0.2Mpa-0.7Mpa
- Water quality: Pure water,soften water
- Inlet air pipe spec: 1/2 inch or quick connector Φ8 tube
- Inlet water pipe spec: 1/2 inch(Pure Water) +3/4(Tab water)
- Outlet water pipe spec: 1 inch
- Outlet air pipe spec: 1-1/2 inch (Top opening door)
- Compressed air: 0.5Mpai-0.7Mpa connect Φ10mm pipe
- Printer: thermosensitive printer roll paper 80* Φ50mm





Intelligent control

- Intelligent digital display (ultrasonic power, frequency, cleaning temperature and time), real-time control of operating conditions(optinal configuration)
- Touch screen operation with big size, a variety of programs to choose, to meet the cleaning requirements of different customers and different instruments
- Working data can be saved for more than 5 years, the data can be exported

Technological process

- Pre-cleaning → vacuum ultrasonic cleaning + multistage variable pressure pulse cleaning+second stage rinse +disinfection apply oil+ vacuum hot wind dry, ensures the quality of treatment and greatly improves the working efficiency

Technology Parameter

- Overall size:1120*1000*1900mm
- Cleaning Capacity:260L
- Cleaning quantity:75Pcs
- Basket size:570mm*500mm*70mm(endoscope basket
- Clean basket quantity:4Pcs of endoscope baskets (can be loaded 120 pcs lumens
- Standard clean basket / External cleaning basket Opitonal)
- Ultrasonic fequency: 40KHz
- Ultrasonic power: 3.0KW
- Heating method:Electric method
- Total power: 45KW
- Main tank heating power: 40KW
- Opening method:Automatic go & down 2 doors on the front and back side (top opening)
- Power supply:AC380V 3 phases in 5 wires
- Disinfection temperature: 93℃ water

- Intellient information management system to record every operation details, with automatic printer
- Automatic drainage cooling system, the drainage is more safty
- High and low liquid level safety control and automatic fault detection alarm system

- Temprature control:0 ~100 C
- Work Cycle: 60min(it can be set according to aparatus)
- Waterhead pressure:0.2Mpa-0.5Mpa
- Airhead pressure:0.2Mpa-0.7Mpa
- Inlet air pipe spec: 1/2 inch or quick connector Φ8 tube
- Water quality: Pure water,soften water
- Inlet water pipe spec: 1 inch(Pure Water) +3/4(Tab water)
- Outlet water pipe spec: 1 inch
- Outlet air pipe spec: 1-1/2 inch (Top opening door)
- Compressed air: 0.5Mpai-0.7Mpa
- Printer: thermosenstive printer roll paper 80* Φ50mm

Cabinet Vacuum Cleaning and Disinfection Device (Standard)

MAG-GSZK385

Scope of Application

Precision cleaning hard and soft lumen apparatus, precision aparatus, gynecology lumen apparatus, dental hand machinery,normal surgical apparatus,respairy anesthesia tube, Orthopedic external apparatus and appliance etc.

Equipment Characteristics

- Fully automatic integration of cleaning, rinsing, apply oil and vacuum drying
- Vacuum ultrasonic cleaning technology can enhance the density of the cleaning solution and significantly improve the efficiency of ultrasonic stripping of dirt.
- Multistage variable pressure pulse cleaning technology can efficiently clean cavity, blind hole, joint, slit and other parts, and avoid mutual injury of instruments
- Vacuum perfusion cleaning technology, efficient extraction of stains falling off the lumen, avoid dead corner residue
- Special silicone tube joint, can clean more than 120 lumen instruments at a time, It can also carry 8 standard cleaning baskets for cleaning regular instruments
- High performance nozzle rotary spray cleaning technology, 360-degree powerful injection without dead Angle
- 3S composite cleaning technology system is con-structed by three cleaning technologies, namely vacuum ultrasonic, multistage variable pressure pulse and vacuum perfusion, to guarantee high standard and high efficiency cleaning effect
- Vacuum drying technology improves the drying efficiency of traditional hot air and makes drying more thorough
- It comes with pre-cleaning, saving labor, avoiding pathogen infection and secondary pollution of instrument cleaning.
- Sterilization can be done at the end of the cleaning process without additional drying
- Automatic go down&up 2 leaf doors on back and front side,double doors interlock, simple operation, easy to take and put





Cabinet Vacuum Cleaning and Disinfection Device (Luxury)

MAG-GSZK385

Scope of Application

Precision cleaning hard and soft lumen apparatus, precision apparatus, gynecology lumen apparatus, dental hand machinery, normal surgical apparatus, respiratory anesthesia tube, Orthopedic external apparatus and appliance etc.

Equipment Characteristics

- Fully automatic integration of cleaning, rinsing, apply oil and vacuum drying
- Vacuum ultrasonic cleaning technology can enhance the density of the cleaning solution and significantly improve the efficiency of ultrasonic stripping of dirt.
- Multistage variable pressure pulse cleaning technology can efficiently clean cavity, blind hole, joint, slit and other parts, and avoid mutual injury of instruments
- Vacuum perfusion cleaning technology, efficient extraction of stains falling off the lumen, avoid dead corner residue
- Special silicone tube joint, can clean more than 120 lumen instruments at a time, It can also carry 8 standard cleaning baskets for cleaning regular instruments
- High performance nozzle rotary spray cleaning technology, 360-degree powerful injection without dead Angle
- 3S composite cleaning technology system is constructed by three cleaning technologies, namely vacuum ultrasonic, multistage variable pressure pulse and vacuum perfusion, to guarantee high standard and high efficiency cleaning effect
- Vacuum drying technology improves the drying efficiency of traditional hot air and makes drying more thorough
- It comes with pre-cleaning, saving labor, avoiding pathogen infection and secondary pollution of instrument cleaning.
- Sterilization can be done at the end of the cleaning process without additional drying
- Automatic go down&up 2 leaf doors on back and front side, double doors interlock, intelligent pressure resistant protection

Intelligent control

- Intelligent digital display (ultrasonic power, frequency, cleaning temperature and time), real-time control of operating conditions (optional configuration)
- Touch screen operation with big size, a variety of programs to choose, to meet the cleaning requirements of different customers and different instruments
- Working data can be saved for more than 5 years, the data can be exported
- Intelligent information management system to record every operation details, with automatic printer
- Automatic drainage cooling system, the drainage is more safe
- High and low liquid level safety control and automatic fault detection alarm system

Technological process

- Pre-cleaning → vacuum ultrasonic cleaning + multistage variable pressure pulse cleaning + second stage rinse + disinfection apply oil + vacuum hot wind dry, ensures the quality of treatment and greatly improves the working efficiency

Technology Parameter

- Overall size: 1130*1025*1900mm
- Cleaning Capacity: 385L
- Cleaning quantity: 75Pcs
- Basket size: 575mm*500mm*70mm (endoscope basket)
- Clean basket quantity: 4Pcs of endoscope baskets (can be loaded 120 pcs lumens)
- Standard clean basket / External cleaning basket Optional
- Ultrasonic frequency: 40KHz
- Ultrasonic power: 3.0KW
- Heating method: Electric method
- Total power: 45KW
- Main tank heating power: 40KW
- Opening method: Automatic go & down 2 doors on the front and back side (top opening)
- Power supply: AC380V 3 phases in 5 wires
- Disinfection temperature: 93°C water
- Temperature control: 0 ~ 100°C
- Work Cycle: 60min (it can be set according to apparatus)
- Waterhead pressure: 0.2Mpa-0.5Mpa
- Airhead pressure: 0.2Mpa-0.7Mpa
- Inlet air pipe spec: 1/2 inch or quick connector Φ8 tube
- Water quality: Pure water, soft water
- Inlet water pipe spec: 1 inch (Pure Water) + 3/4 (Tap water)
- Outlet water pipe spec: 1 inch
- Outlet air pipe spec: 1-1/2 inch (Top opening door)
- Printer: thermosensitive printer roll paper 80*Φ50mm



Acuum Altrasonic Cleaning and Disinfection Device (Tri-chambers full vacuum)

MAG-CLZK315

Scope of Application

Precision cleaning hard and soft lumen apparatus, precision apparatus, gynecology lumen apparatus, dental hand machinery, normal surgical apparatus, Orthopedic external apparatus and appliance etc.

Equipment Characteristics

- Fully automatic integration of cleaning, rinsing, apply oil and vacuum drying
- Vacuum ultrasonic cleaning technology can enhance the density of the cleaning solution and significantly improve the efficiency of ultrasonic stripping of dirt.
- Multistage variable pressure pulse cleaning technology can efficiently clean cavity, blind hole, joint, slit and other parts, and avoid mutual injury of instruments
- Vacuum perfusion cleaning technology, efficient extraction of stains falling off the lumen, avoid dead corner residue
- 3S composite cleaning technology system is constructed by three cleaning technologies, namely vacuum ultrasonic, multistage variable pressure pulse and vacuum perfusion, to guarantee high standard and high efficiency cleaning effect
- Vacuum drying technology improves the drying efficiency of traditional hot air and makes drying more thorough
- It comes with pre-cleaning, saving labor, avoiding pathogen infection and secondary contamination of instrument cleaning.
- Sterilization can be done at the end of the cleaning process without additional drying
- Adopt continuous production mode, speed up the turnover of the apparatus
- Tri-cabin vacuum tank, automatic go down&up door design, easy operation and save labour

Intelligent control

- Intelligent information management system to record every operation details
- Intelligent digital display (ultrasonic power, frequency, cleaning temperature and time), real-time control of operating conditions (optimal configuration)
- PLC control mechanical handling device two sets, one set of transverse movement, a set of vertical lifting
- Color touch screen operation, real-time monitoring and data acquisition. Storage and printing can realize data port opening
- A variety of cleaning process can be designed to meet the customized requirements of personalized cleaning process
- Working data can be saved for more than 3 years, it can be remoted control monitor (optional)
- High and low liquid level safety control and automatic fault detection alarm system

Cleaning Process

To meet the supply room apparatus cleaning of small batch, the need for fast turnover cleaning requirements



Technological process

Pre-cleaning → vacuum ultrasonic cleaning + vacuum ultrasonic perfusion cleaning → vacuum ultrasonic rinses + vacuum ultrasonic perfusion X2 → immersion disinfection apply oil → vacuum hot wind dry + high pressure hot wind dry, ensures the quality of treatment and greatly improves the working efficiency

Technology Parameter

- Overall size: 3200*1150*1900mm
- Cage Basket size: 610mm*520mm*260mm
- Power supply: AC380V ±10/50HZ/3 phases in 5 wires
- Ultrasonic frequency: 40KHz
- Ultrasonic power: 1.5KW
- Heating method: Electric method
- Total heating power: 75KW
- Total Power: 80KW (Electric Heating, or steam heating)
- Work cycle: first cycle 45mins, then follow 10-20min per basket (self-setting)

- Water quality: Pure water, soft water
- Airhead pressure: 0.2Mpa-0.7Mpa
- Pure water: pressure 0.2Mpa-0.5Mpa
- Water flow rate: ≥ 0.5T/hour
- Electrical Resistance: ≥ 15M Ω.cm
- Outlet water pipe spec: 2 inch
- Inlet water pipe spec: 1 inch (Pure Water)
- Outlet air pipe spec: 2 inch
- Inlet air pipe spec: 1/2 female thread quick connector or Φ8mm airtube
- Printer: thermosensitive printer roll paper 80* Φ50mm



Acuum Altrasonic Cleaning and Disinfection Device(Four-chambers full vacuum)

MAG-485

Scope of Application

Precision cleaning reusable surgical apparatus, precision apparatus, dressing bowl apparatus, bent plate, respiratory machine tube etc. medical apparatus

Equipment Characteristics

- Fully automatic integration of cleaning, rinsing, apply oil and vacuum drying
- Vacuum ultrasonic cleaning technology can enhance the density of the cleaning solution and significantly improve the efficiency of ultrasonic stripping of dirt.
- Multistage variable pressure pulse cleaning technology can efficiently clean cavity, blind hole, joint, slit and other parts, and avoid mutual injury of instruments
- Vacuum perfusion cleaning technology, efficient extraction of stains falling off the lumen, avoid dead corner residue
- 3S composite cleaning technology system is constructed by three cleaning technologies, namely vacuum ultrasonic, multistage variable pressure pulse and vacuum perfusion, to guarantee high standard and high efficiency cleaning effect
- High performance nozzle rotary spray cleaning technology, 360-degree powerful injection without dead Angle
- Sterilization can be done at the end of the cleaning process without additional drying
- Adopt continuous production mode, speed up the turnover of the apparatus
- It comes with pre-cleaning, saving labor, avoiding pathogen infection and secondary contamination of instrument cleaning.
- Four-cabins vacuum tank, automatic go down&up door design, easy operation and save labour

Intelligent control

- Intelligent information management system to record every operation details
- Intelligent digital display (ultrasonic power, frequency, cleaning temperature and time), real-time control of operating conditions (optimal configuration)
- PLC control mechanical handling device two sets, one set of transverse movement, a set of vertical lifting
- Color touch screen operation, real-time monitoring and data acquisition. Storage and printing can realize data port opening
- A variety of cleaning process can be designed to meet the customized requirements of personalized cleaning process
- Working data can be saved for more than 3 years, it can be remoted control monitor (optional)
- Emergency stop buttons and alarm devices are installed at both ends of the equipment
- High and low liquid level safety control and automatic fault detection alarm system
- With the function of online detection of cleaning effect, ensure the quality of cleaning



Cleaning Process

To meet the needs of large quantities of apparatus cleaning supply room, process line operation characteristics

Technological process

Pre-cleaning → vacuum ultrasonic cleaning + multistate varied pressure pulse cleaning → rinses x 2 times → disinfection apply oil → high pressure hot wind dry, every function segment independent, ensures the quality of treatment and greatly improves the working efficiency

Technology Parameter

- Overall size: 5500*1150*2260mm
- Equipment cage size: 625mm*730mm*930mm
- Basket cleaning capacity: total 8 pcs of basket, 2 pcs for each shelf, 4 shelves for each cabin
- Power supply: AC380V ±10/50HZ, 3 phases in 5 wires
- Ultrasonic frequency: 40KHz
- Ultrasonic power: 5KW
- Heating method: Electric method
- Disinfection Temperature: 93°C
- Total Power: 98KW (Electric Heating, or steam heating)

- Work cycle: follow 10-20min per basket (self-setting)
- Water quality: Pure water, soft water
- Airhead pressure: 0.2Mpa-0.7Mpa
- Inlet air pipe spec: 1/2 female thread quick connector or Φ8mm airtube
- Pure water: pressure 0.2Mpa-0.5Mpa
- Water flow rate: ≥ 1T/hour
- Electrical Resistance: ≥ 15M Ω.cm
- Outlet water pipe spec: 2 inch
- Inlet water pipe spec: 1 inch (Pure Water)
- Outlet air pipe spec: inner Dia.: Φ140mm
- Printer: thermosensitive printer roll paper 80*Φ50mm

