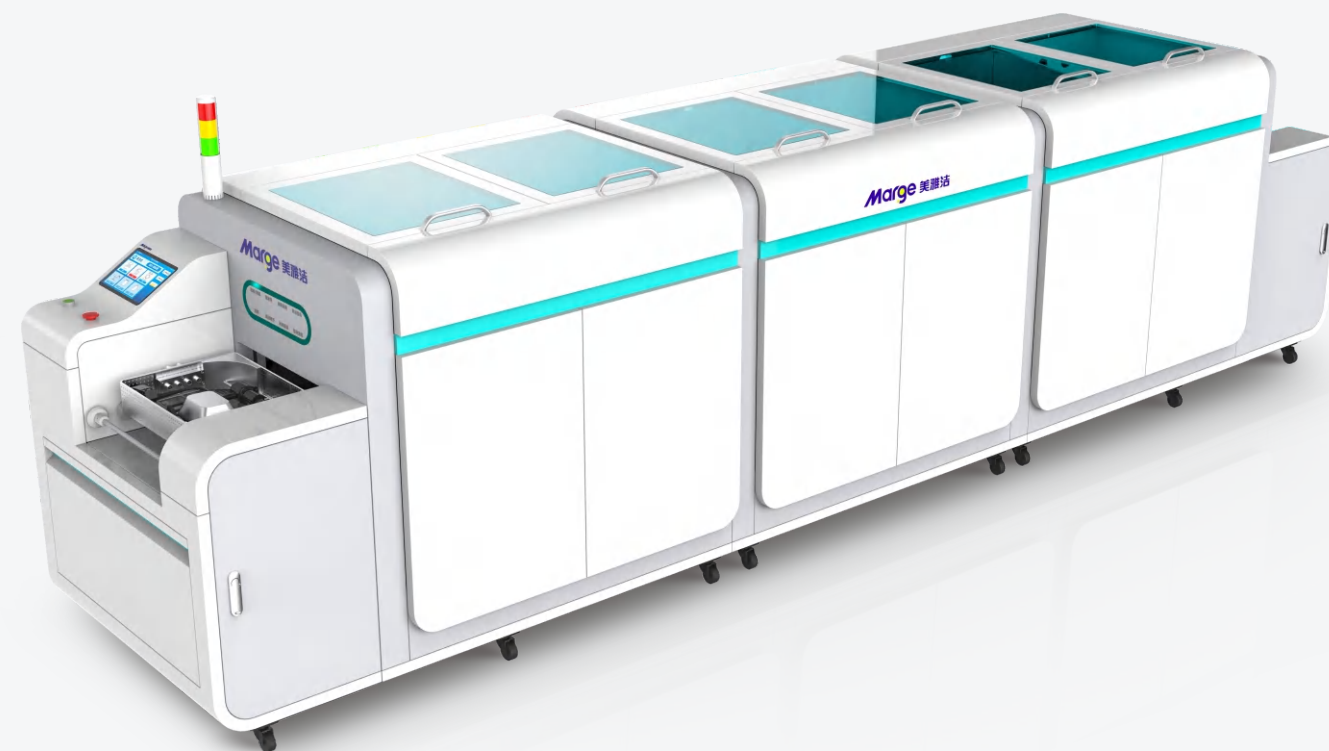




Marge is a **pioneer** in the precision cleaning of medical devices. We are committed to helping endoscopy centers and disinfection supply centers (CSSDS) solve the challenges of in hospital infection control safety, cleaning and disinfection quality safety, and device operation efficiency. We provide comprehensive solutions for precision cleaning and disinfection to reduce the risk of secondary pollution and hospital cross infection, and help the medical and health industry to improve operational efficiency and treatment effect.



Automatic endoscopic cleaning and disinfection machine

MAG-RJ305: Fully automatic cleaning, disinfection and drying of soft endoscopes, including accessories, etc. Fully comply with WS 507-2016 standards.

SHENZHEN MARGE TECHNOLOGY SHARING CO.,LTD.
Marge Science and Technology Industrial Park,Shanghenglang Community,
Dalang Street, Longhua District, Shenzhen City,China
Tel: 0755-23219066 23113313 Fax: 0755-23219033
www.margemed.com
Email:sales@margemed.com



Endoscopic treatment conforms to the standard specification to ensure the quality of cleaning and disinfection

Endoscopic cleaning and disinfection work has been included in medical quality management, therefore, the quality of endoscopic cleaning and disinfection is very important. How to effectively prevent staff and patients from being infected has become an important work content in hospitals.

Gastrointestinal disease prevention of infection

Literature review of endoscopy-associated infections from 1966 to 2020 showed that the causes of infection were basically attributed to non-standard cleaning procedures, improper use of chemical disinfectants, and inadequate drying procedures. Therefore, the cleaning and disinfection of endoscope is an important link in the prevention and control of hospital infection. The cleaning and disinfection of endoscope is developing from manual operation to whole-process machine operation.

High quality cleaning capability

As a professional supplier in the field of sensing control, Marge has developed an efficient MAG-RJ305 automatic endoscope cleaning and disinfection machine based on the actual situation of hospitals and a large number of tests conducted by the company's laboratory over the years. One flexible endoscope is processed in each batch and the high rate of pre-washing, enzyme washing, rinsing, disinfection, terminal rinsing and drying is achieved in 6 stages. MAG-RJ305 fully complies with GB30689-2014 specification.



The perfect design can meet the requirements of various applications

Perfect application

MAG-RJ305 is suitable for the treatment of soft endoscopes such as gastroscopy, colonoscopy and bronchoscopy, while the entire process is completed in complete closure, reducing the risk of infection in the operator.

Simple and convenient

Color touch screen operation, just press a key to run the corresponding program. Data acquisition, storage, can realize the data port opening.

innovative design

The MAG-RJ305 outer sealing plate is made of high quality composite material, and the tank body is made of high quality PP board imported from Germany. There are transparent observation Windows and movable doors around the equipment, making installation and maintenance of internal components easy.

Data storage and monitoring

The working data has the printing function, and the data can be stored in MAG-RJ305 for more than 3 years.

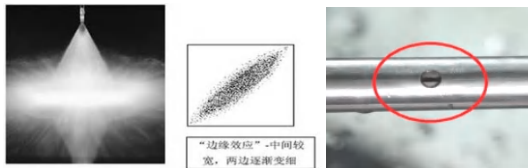


Unique handling capability ensures cleaning quality

Marge top priority is to protect our patients and staff. We control the entire process through our unique cleaning technology to ensure the quality of cleaning.

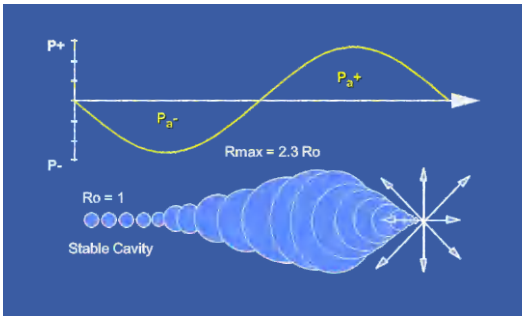
Powerful fanshaped nozzle rotary spray cleaning

MAG-RJ305 spray arm adopts non-power water cutting rotary spray device, fan type spray, 360 degrees without dead Angle, to ensure the spray cleaning pressure and cleaning range. And the spray arm is removable, easy to maintain and clean.



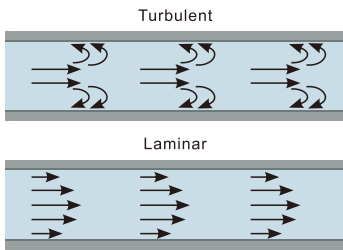
High-frequency precision ultrasonic cleaning

MAG-RJ305 uses high frequency precision ultrasound to cover all parts of the endoscope, which can be penetrated by precision cleaning. It can clean all folds and crevices on the surface of the endoscope and all parts that can be infiltrated by water.



Gas-liquid mixed flow perfusion cleaning

MAG-RJ305 uses a supersonic nozzle to spray droplets formed by high pressure gas and cleaning liquid into the interior of the endoscope at a high speed, forming strong scouring and achieving effective cleaning effect.



Precision rinses

MAG-RJ305 adopts upper and lower layers of spray cleaning and gas-liquid mixed perfusion in the pipe to ensure clean. Before delivery to the disinfection cabin, the endoscope cleaning basket is given strong wind to fully blow away the water outside and inside the endoscope, so as to reduce the transfer of rinsing water into the disinfectant.



We strive to provide hospitals with the most efficient safeguard

Final rinsing

In order to ensure the final rinsing effect, the purified water needed is purified water after sterilization to prevent the re-contamination of the endoscope.

High turnover rate

MAG-RJ305 processes 1 endoscope every 6 minutes, which has a fast turnover, improves the amount of operation in the department, reduces the number of endoscopes purchased, and reduces the cost.

Effective dry

A small amount of alcohol was sprayed by endoscope and a small amount of alcohol was injected into the lumen. And the use of high - efficiency high - pressure fan and high - precision air filter to transmit temperature air, truly realize drying.

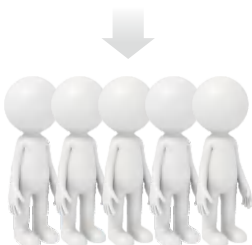


High pressure large flow blower

High precision filter

100 operations a day

Number of people required to manually process endoscopy



Number of people required to MAG-RJ305 process endoscopy



We provide the safest guarantee for life

According to <<the Hygienic Requirements for Automatic Cleaning and disinfecting Machine of Endoscope>>, Marge pays attention to every detail of equipment and consumables to ensure the safest guarantee.

Cleaning agent

MAG-RJ305 is suitable for special cleaning agents for gastroscopes, colonoscopes and bronchoscopes, and each reagent has a strict automatic monitoring system to ensure the cleaning effect.



Self-disinfection

MAG-RJ305 has a complete self-disinfection function to ensure that the equipment is always in a clean state.

Disinfection agent

MAG-RJ305 is suitable for glutaraldehyde, phthalaldehyde, peracetic acid and acidified water, with strong versatility, and each reagent has a strict automatic monitoring system, using full immersion disinfection, to ensure disinfection effect.



Function	Manual cleaning disinfection agent	MAG-RJ305
Orifice Translumenal management	No guarantee	Yes, the effect is good
Process standardization & consistency	No guarantee	Stable, Automatic work
Complete Immersion disinfection	Conform to	Conform to
Sterile water generation system	Non	Yes
Cleaning and disinfection equipment disinfection	No guarantee	Self-disinfection
Disinfection agent management capability	Non	Excellent
Manual injection/discharge disinfection agent	Yes	Automatic work, hand off operation
Data record of cleaning and disinfection	Hand record	Automatic storage printing data
Accurate water air pressure control	No guarantee	Yes
Detection leakage of endoscope	Manual work	Yes

Technology parameter

Overall size:4350*960*1160mm

Conveyance method :Equal pace conveyance

Ultrasonic frequency :120KHz

Total power :38KW

Power supply:AC380V 3 phase in 5 wires

Work cycle: First basket 30 mins, follow 6mins/basket(self-set according to the disinfection agent)

Power supply: Thermal sensitive printer, Roll paper 80*Φ50mm