

DS400S-2L Steam Cleaner Operating Instruction



I. The principle of steam cleaning

Steam cleaning is to inject clear water into steam heating pressure boiler, then the water is heated to steam in a complete sealing status. In the heating process, the pressure in the boiler will gradually increase. When the pressure in the boiler reaches over 3.5 bar, the steam cleaner enters into working state, the temperature of the spraying saturated steam reaches over 135°C, use the high temperature and high pressure of saturated steam to remove the attachments such as oil stain, sewage from the surface of the parts and vaporize them away. At the same time, it can also clean small gaps and holes, peel off and remove oil stains and residues to achieve requirements for high efficiency, water saving, clean and dry.

II. The application characteristics of DS series steam cleaner

A. Cleaning of high quality is the premise for quality assurance of electroplate on the ornaments surface. DS series steam cleaner is especially suitable for cleaning all kinds of ornaments with complicated design. Ornaments cleaned by steam will better guarantee the adhesion and brightness of electroplate when plated.

B. DS series steam cleaner can generate steam of 4 bar pressure to ensure the touch between the steam and each angle of inlaid products. Steam cleaning can quickly reach every part of the inlaid structure, so as to remove stains from each dead space and instantly restore all kinds of jewels to their beauty and luster.

C. DS series steam cleaner use steam as cleaning medium instead of water to ensure the effect of environmental cleaning. It has the function of high pressure and high temperature cleaning which is not included in usual cleaning, and can quickly peel off the polishing wax that remains on the surface and dead space of the ornaments.

III. Technical specification of Desen steam cleaner

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|--------------------------------|---|
| A. Model: DS400S - 2L | B. Outer Dimension: 160×280×300MM |
| C. Voltage: 220V-240V | D. Power : 1300W |
| E. Steam Pressure: 4 bar | F. Volume: Boiler 2L |
| G. Material : Superior SUS 304 | H. Highest Temperature in Steam Outlet: 135°C |

IV. Operating method

- Open the package, take out the cleaner, and place it steadily. **take out the shower nozzle , screw on the nozzle of machine.**
- Plug in the power socket after confirming that the voltage of the cleaner is the same as the power voltage.
- Open the safety valve, add 1L water with beaker and funnel, then close the valve.
- Connect the pedal switch and turn on the cleaner power switch on the back.
- Turn on the front heating switch, then the heating red indicator light is on.
- In about 6 minutes, the green indicator lamp lights up, indicating that the cleaner pressure reaches.
- Aim the cleaned article to the nozzle, slightly stepping on the pedal switch, then the cleaning starts.
- When the cleaning finishes, take the cleaned article away, the cleaner will keep the standby mode for the cleaning next time.
- After work, turn off the heating switch and cut off the power supply.
- Before turning on the cleaner next time, open the safety valve, lift the handles of the cleaner, pour the liquid out of the boiler and add 1L clear water again.

V. Matters for notice

- Check whether the power voltage is the same as the voltage of the cleaner prior to use.
- Use clear water or mineral water and don't use impure water as to avoid blocking pipe.
- Don't put the hand directly under the nozzle port during use so as to avoid scalding.
- Don't place the cleaner upside down to avoid the damage while using.
- Keep the external surface of the cleaner clean and dry, gently handle the cleaner.
- When the heating red lamp lights up, wait for 30 seconds. When the green lamp lights up, the cleaner can restart to work.
- If no steam is sprayed after the continuous use of cleaner, it indicates no water in the boiler. Press safety valve slightly to release the pressure in the boiler, then open the safety valve slowly and add 1L clear water again.
- If it is confirmed not necessary to add water before starting the machine next time, press safety valve slightly to release negative pressure in boiler, and then restart the machine. Otherwise, the machine boiler will buzz due to negative pressure.

VI. Packing List

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|----------------------------|-----|--------------------------|-----|
| A. DS400S-2L Steam Cleaner | 1PC | B. Power Line | 1PC |
| C. Breaker | 1PC | D. Funnel | 1PC |
| E. Pedal Switch | 1PC | F. Operating Instruction | 1PC |

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Steam Cleaner Operating Instruction

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Steam cleaning is to inject clear water into steam heating pressure boiler, then the water is heated to steam in a complete sealing status. In the heating process, the pressure in the boiler will gradually increase. When the pressure in the boiler reaches over 3 bar, the steam cleaner enters into working state, the temperature of the spraying saturated steam reaches over 120°C, use the high temperature and high pressure of saturated steam to remove the attachments such as oil stain, sewage from the surface of the parts and vaporize them away. At the same time, it can also clean small gaps and holes, peel off and remove oil stains and residues to achieve requirements for high efficiency, water saving, clean and dry.



II. The application characteristics of DS series steam cleaner

A. Cleaning of high quality is the premise for quality assurance of electroplate on the ornaments surface. DS series steam cleaner is especially suitable for cleaning all kinds of ornaments with complicated design. Ornaments cleaned by steam will better guarantee the adhesion and brightness of electroplate when plated.

B. DS series steam cleaner can generate enough vaporized pressure steam to ensure the touch between the steam and each angle of inlaid products. Steam cleaning can quickly reach every part of the inlaid structure, so as to remove stains from each dead space and instantly restore all kinds of jewels to their beauty and luster.

C. DS series steam cleaner use steam as cleaning medium instead of water to ensure the effect of environmental cleaning. It has the function of high pressure and high temperature cleaning which is not included in usual cleaning, and can quickly peel off the polishing wax that remains on the surface and dead space of the ornaments.

III. Technical specification of DS series steam cleaner

A. Voltage: 200V-240V 50-60Hz

B. Steam Operation Mode: Pedal Control

C. Material: Superior SUS 304

Serial No	Model	Outer Dimension	Heating Power	Steam Pressure	Boiler Volume	Outlet Temperature
1	DS300-4K	24×38×36CM	2300W	4KG	4L	120°C

IV. Operating method

A. Open the package, take out the cleaner, and place it steadily.

B. Take out the nozzle from the accessory box, aim it to the sealing ring and rotate, connect to machine nozzle. Also take out the pedal and connect to the interface on the back of cleaner.

C. Check the socket voltage, connect both ends of power line respectively to the socket and cleaner, turn on the power switch above the cleaner socket. Then the power indicator light above nozzle on the cleaner front side is on.

D. Open the safety valve (press down the valve and clip it into the slot, then it can be rotated), add water with beaker and funnel. Please note the water shall be added till the full-water warning sounds, then close the safety valve.

E. Turn on the front heating switch, then the heating red indicator light is on.

F. The water will be heated for ten minutes for the first time you add water and turn on the machine. When the green indicator light is on, it indicates the machine pressure reaches.

G. Aim the cleaned article to the nozzle, slightly stepping on the pedal switch, then the cleaning starts.

H. When the cleaning finishes, take the cleaned article away, the cleaner will keep the standby mode for the cleaning next time.

I. After work, turn off the heating switch and cut off the main power supply.

V. Matters for notice

A. Check whether the power voltage is the same as the voltage of the cleaner prior to use.

B. Use clear water or mineral water and don't use impure water as to avoid blocking pipe.

C. Don't put the hand directly under the nozzle port during use so as to avoid scalding.

D. Don't move or place the cleaner upside down to avoid the damage while using.

E. When the heating red lamp lights up, wait for 5-10 seconds. When the green lamp lights up, the cleaner can restart to work.

F. When the warning tone for lack of water sounds, the cleaner will stop working automatically. Press safety valve slightly to release the pressure in the boiler this moment, open the safety valve slowly, and fill up with clear water again.

G. If it is confirmed not necessary to add water before starting the machine next time, press safety valve slightly to release negative pressure in boiler, and then restart the machine. Otherwise, the machine boiler will buzz due to negative pressure.

H. Carry out sewage discharge every day before turning on the cleaner: before turning on the cleaner, open the safety valve and the valve on the back of cleaner, drain the water from boiler, then close the valve and add water again. Thus, the cleaner service life can be prolonged efficiently.

VI. Packing List

A. DS Steam Cleaner	1PC	B. Power Line	1PC
C. Beaker	1PC	D. Funnel	1PC
E. Pedal Switch	1PC	F. Operating Instruction and Maintenance Card	1PC

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