

**UV-C
Ultrasonic Cleaner**

**100006
Instruction Manual**

SPER
SCIENTIFIC

Environmental Measurement Instruments

TABLE OF CONTENTS

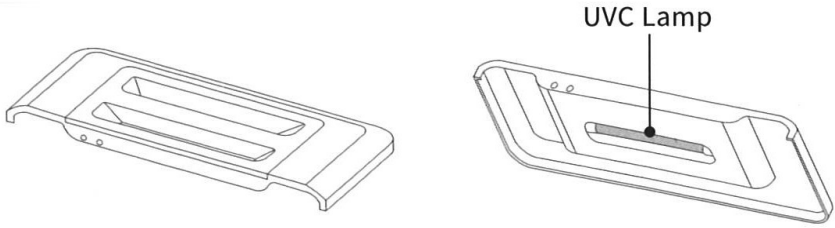
INTRODUCTION	3
FEATURES	4
INSTRUCTIONS	5
APPLICATION	7
SAFETY INFORMATION	8
SPECIFICATIONS	9
WARRANTY	12

INTRODUCTION

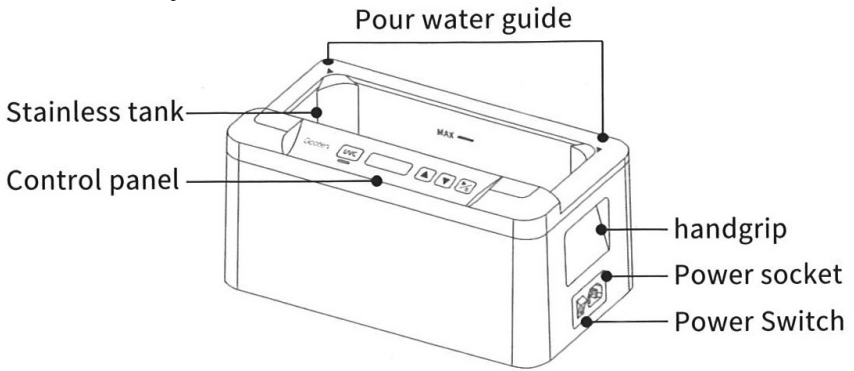
This Sper Scientific Advanced UV-C Ultrasonic Cleaner (model 100006) uses UV-C or Ultrasonic cleaning functions individually or together. We suggest using the UV-C light for disinfection unless the item is not suited or cannot be exposed to UV light. Ultrasonic cleaning is usually the best way to clean tight areas that cannot be easily accessed, such as watchbands or eyeglasses.

FEATURES

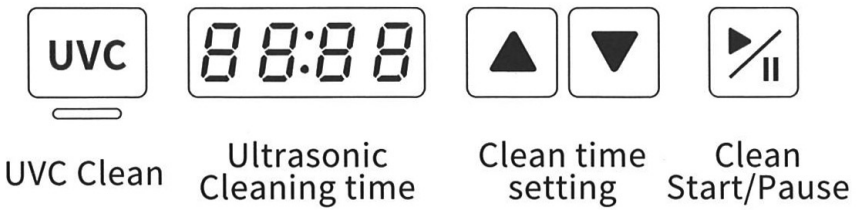
Removable Lid




Cleaner Body




Control Panel



INSTRUCTIONS

1. Make sure the items are safe to use with electronic cleaning.
2. Use a container to fill the water tank. Do not directly fill water from a sink.
3. Do not fill water over the max mark in the sink.
4. If the object is greasy or oily, please add detergent or dishwashing liquid into the tank and use warm water for better cleaning.
5. Place the object into the basket and put them gently into the machine.
6. Turn on the power. The default setting for cleaning is 5 minutes. Cleaning time can be adjusted between by pressing ▲▼ between 1-30 minutes. Press  to start cleaning.
7. For cleaning the watches, we only recommend cleaning the watch band.
8. After ultrasonic cleaning, please rinse the item(s) with clean water. If the object is still dirty, repeat cleaning treatment.
9. After cleaning, unplug the power cord, and pour out the water from pouring guideline.
10. Wipe the device and container with a dry towel and store it in a dry environment.





UV-C INSTRUCTIONS

1. Turn on the power, placing the items sterilization. Press the , the indicator will light up. It will be sterilizing for 5 mins after closing the lid. NO time setting required.

NOTE: UV-C function only operates when the lid is closed.
NO water is required for this function.

UVC & ULTRASONIC INSTRUCTIONS

Fill water before use. Please make sure o fill at least 200 ml of clean water before ultrasonic cleaning.

1. To use both UV-C and ultrasonic functions, please read the “Ultrasonic Cleaning and UV-C Sterilization” procedures.
2. Put the items to be cleaned and sterilized into the tank.
3. After the power switch is turned on, close the lid and press  , and it runs automatically for 5 mins. If you still need additional cleaning, you can press the   to adjust the time.
4. After use, please turn off the power switch and unplug the power cord. Drain the waste water from the top or right side.
5. Wipe the cleaning tank and casing with a dry cloth and store it in a dry environment at the same time.

WARNING: Do not use this device near a pacemaker patient.

APPLICATION

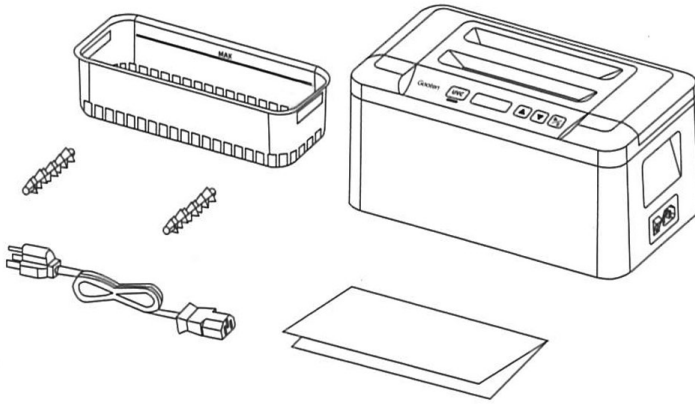
	UV-C	Ultrasonic
Cosmetic - Brushes, Pads, Combs	●	
Baby Products - Pacifiers, Bottles, Toys	●	
Metal Products - Life keys, Coins, Scissors	●	
Hearing Aids, Phone, Electronics	●	
Jewelry - Earrings, Necklaces, Rings, Bracelets	●	●
Shaving Razor Blades and Electric Shavers/Trimmers (blade only)	●	●
Dental - Dentures, Mouth Guards, Toothbrushes	●	●
Eye Care - Eyeglasses, Sunglasses, Contact Lens Accessories		●
Watches - Bands Only. (Exposure of the watch dial to UV-C may cause discoloration.)		●

1. Do not clean personal items (dentures) and mechanical parts in the same device.
2. Not suitable for cleaning contact lenses.
3. Never use the flammable and corrosive liquid for ultrasonic cleaning. Like acetone, alcohol and gasoline.
4. Please handle the removable lid with care to avoid damaging the UV-C lamp inside.
5. Avoid using the unit for more than 6 hours continuously.

SAFETY INFORMATION

1. Please read the user manual before using the device.
2. Before using the cleaning mode, please fill at least 200 ml of clean water. Operating the cleaning mode without enough water could damage the device. Do not exceed the Max level when adding water.
3. Please use or store the device on a flat level surface.
4. Do not use or store the device near water. It could cause danger to users if the device drops into the water.
5. Never operated by children or disabled alone.
Keep out of reach of children.
6. Do not repair or disassemble the device on your own.
7. Use the correct voltage rated on the device.
8. Do not submerge the machine in the water. Keep dry when storage.
9. Do not move the device while the device is plugged in or operating.
10. Do not place an object on the power cord. If the cord is abnormally hot, please stop using and unplug the power cord.
11. Never operate the device under sunlight or hot temperature.
12. When there's dirt or liquid on the power cord or power socket. Please clean it before using it.
13. The power cord must not be damaged, processed, bent, pulled, or bundled.
14. Never unplug the device when your hands are wet. Make sure it's well plugged into the socket before using it. Never unplug by pulling the power cord. Please hold the power plug and remove it from the socket.
15. If the device ever dropped from a height, dropped into the water or ever hit. Please return to your agent for checking and repairing.
16. If the device drops into the water during operating. Please turn off the power supplier of the house/ office.
17. The device is only for indoor use.

SPECIFICATIONS



Model	KF245
Product Dimension	L 306 x W 176 x H 159 mm
Tank Dimension	L 250 x W 100 x H 65 mm
Weight	2150 g
UVC Wavelength	253.7 nm Ozone Free
Ultrasonic frequency	40,000 Hz
Power supply	AC 110V/60Hz or AC 220V/60Hz
Power consumption	60W
Origin	Made in Taiwan

NOTES

NOTES

WARRANTY

Sper Scientific warrants this product against defects in materials and workmanship for a period of **one (1) year** from the date of purchase, and agrees to repair or replace any defective unit without charge. If your model has since been discontinued, an equivalent Sper Scientific product will be substituted if available. This warranty does not cover sample vials, batteries, battery leakage, or damage resulting from accident, tampering, misuse, or abuse of the product. Opening the meter to expose its electronics will void the warranty. To obtain warranty service, ship the unit postage prepaid to:

SPER SCIENTIFIC LTD.

8281 E. Evans Rd., Suite #103
Scottsdale, AZ 85260
(480) 948-4448

The defective unit must be accompanied by a description of the problem and your return address. Register your product online at www.sperwarranty.com within 10 days of purchase.

Please note: The most current version of the manual can always be found at www.sperdirect.com