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4 DIFFERENT HANDPIECE PLASMA EQUIPMENT **PLASMAHEAL X4**



专业医疗器械制造商
Medical device manufacturer

CONTENTS

目
录

01

产品简介

PRODUCT INTRODUCTION

PLASMAHEAL X4	01-02
Spark Plasma	03-04
Cold Plasma	05-06
Air Plasma	07-08
DBD Plasma	09-10

02

公司概况

COMPANY OVERVIEW

COMPANY PROFILE	11
PRODUCT CERTIFICATES	12



PlasmaHeal X4

PLASMA

ZYL Medical proudly presents the PlasmaHeal X4, a groundbreaking plasma device engineered to deliver comprehensive solutions for various medical specialties. These include gynecology, dentistry, dermatology, orthopedics, physical therapy and wound healing.

PlasmaHeal X4 offers comprehensive treatment solutions across various medical fields, providing healthcare professionals with the tools they need to deliver effective and efficient treatments. Explore how PlasmaHeal X4 can enhance your practice and improve patient outcomes.



Spark Plasma

Spark handpiece

Plasma spark produces a plasma current on biological tissues and creates special reflex reactions. By using this plasma flow, you can perform practical and effective exfoliation on the skin. The plasma created between the electrode and the surface of the skin creates an electron current. Body cells inherently resist the passage of current, when these energy-rich electrons reach the surface of the skin, the skin cells evaporate and the produced plasma hits them and creates a microburn. Then, a series of new cells are produced to repair the microburn, which rejuvenates the area affected by the warm plasma.



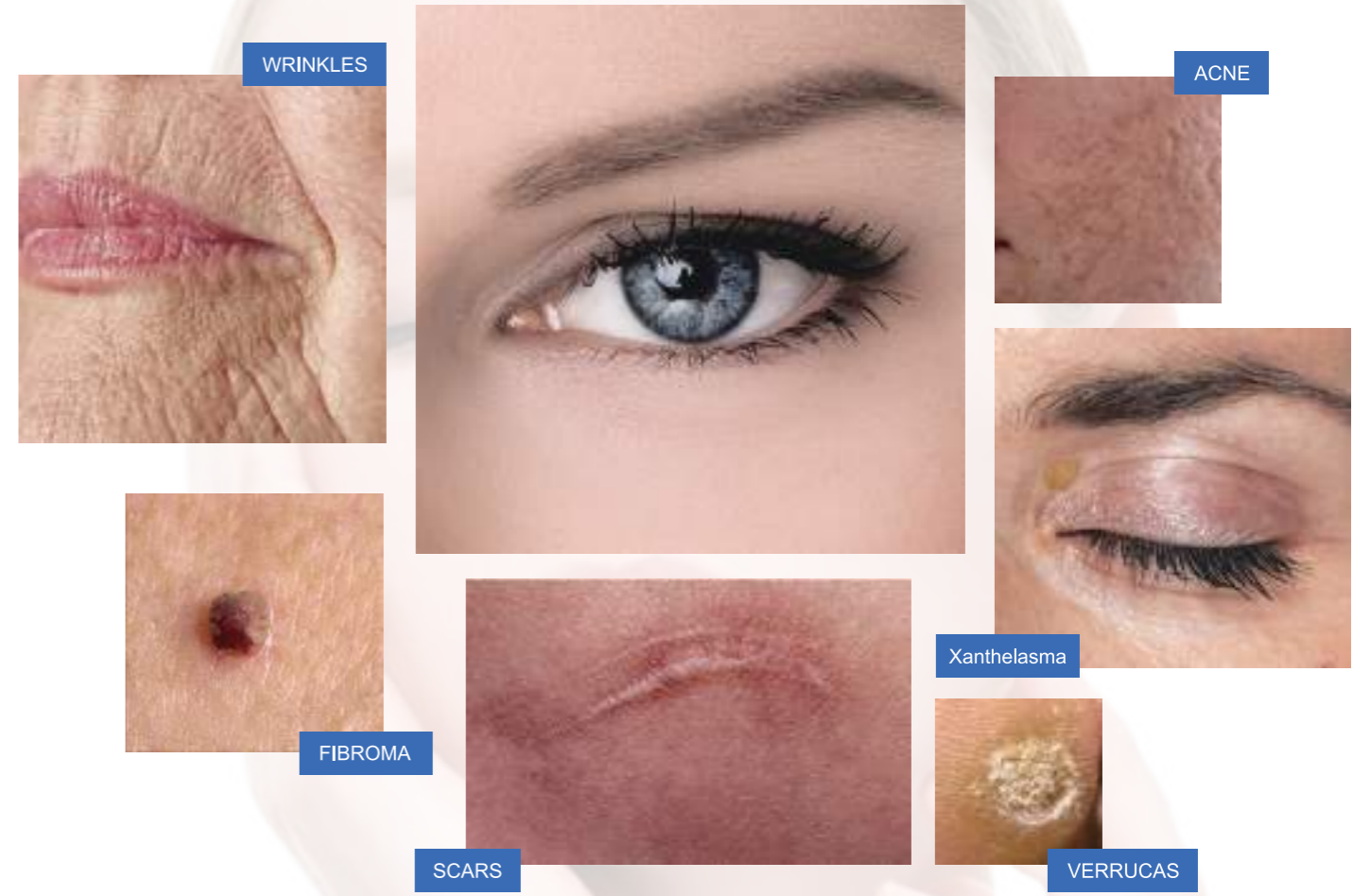
Scars scar suture

Scars are scars that are either raised or sunken on the skin of the face or body, and spark plasma is used to remove them. To remove sunken scars, plasma is applied around it like wrinkles, but if the scar is prominent, we perform plasmatherapy on the scar and finally apply one or two rows around it to make it even.

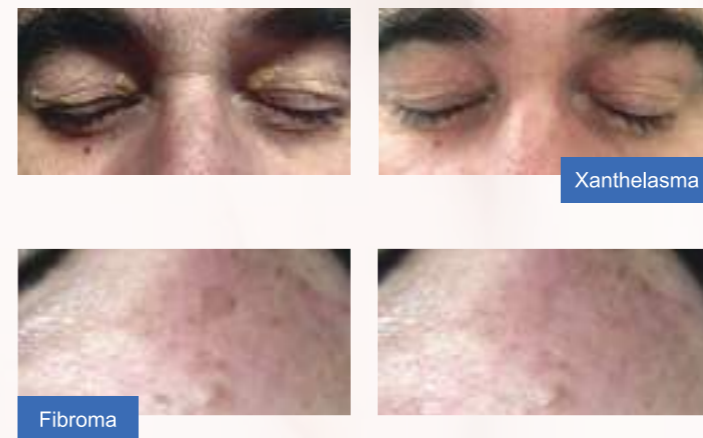


Skin stretch marks

Stretch marks on the abdomen and body caused by obesity or pregnancy can be removed with electrocautery. If the skin becomes loose again after pregnancy and the superficial lines are more prominent or the lines are at the same level as the surrounding skin, plasma treatment will be performed on the lines. However, if these lines are sunken, it is best to perform plasma treatment on several lines other than the lines.



Before and after plasma treatment



Cold Plasma

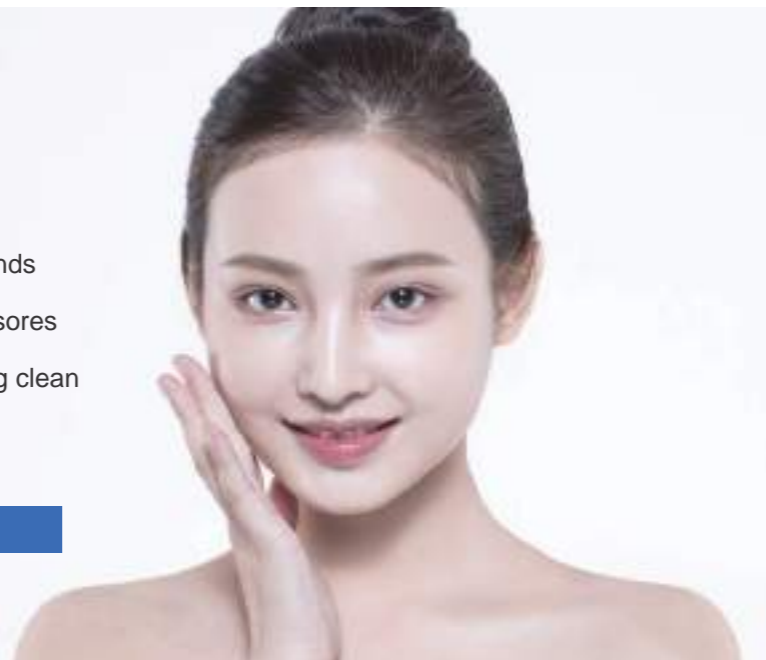


Targeted treatment

Wound Healing Solutions:

- 1、 Revolutionary treatment for diabetic wounds
- 2、 Comprehensive healing support for bed sores
- 3、 Powerful antibacterial properties ensuring clean and infection-free healing environments

Suitable for wound repair



Bed sores



Fistula



Antibacterial



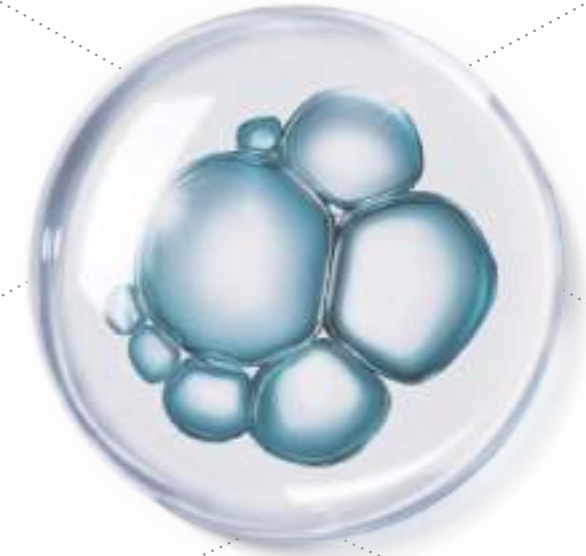
Diabetic sores



Blood Coagulation



Leg ulcer



Low Temperature

Low Temperature: Helium cold plasma operates at low temperatures, making it suitable for treatments in sensitive areas or for patients with low pain tolerance. This feature enhances patient comfort and compliance during procedures.



Antibacterial Properties

This technology effectively eliminates bacteria promoting faster healing and reducing the risk of infections. Its antibacterial effects are crucial for wound healing and post-treatment care.



Miracle Wound Healing

Cold plasma has been revolutionary in wound healing, especially for diabetic wounds. It is currently the most effective antibacterial wound healing technology available, working without the need for medicine. It has successfully treated many major diabetic wound cases.



Implant Surgery

Cold plasma makes implant screw surfaces hydrophilic, ensuring stronger attachment and significantly reducing the risk of infection due to its antibacterial properties. It accelerates wound healing, minimizing the need for antibiotics, which is particularly beneficial for diabetic patients and those with antibiotic resistance.

Air Plasma

- ✓ Non invasive
- ✓ Good efficacy
- ✓ Harmless to human body

Ozone has achieved good results in treating various inflammations



It is mainly suitable for vaginitis caused by a variety of trichomonas, fungi, non-specific Haemophilus vaginalis, amebic type, senile and vulvitis, cervicitis caused by bacterial infection, etc. The ozone therapy device has high efficiency in treating vaginitis and short treatment time; it treats both the symptoms and root causes, and the curative effect is consolidated; it is non-invasive, painless, and has no toxic or side effects.



Short treatment time

While using ozone to sterilize, it can improve inflammation, relieve itching, remove odors, destroy the bacterial environment, and significantly reduce symptoms.

PH balance



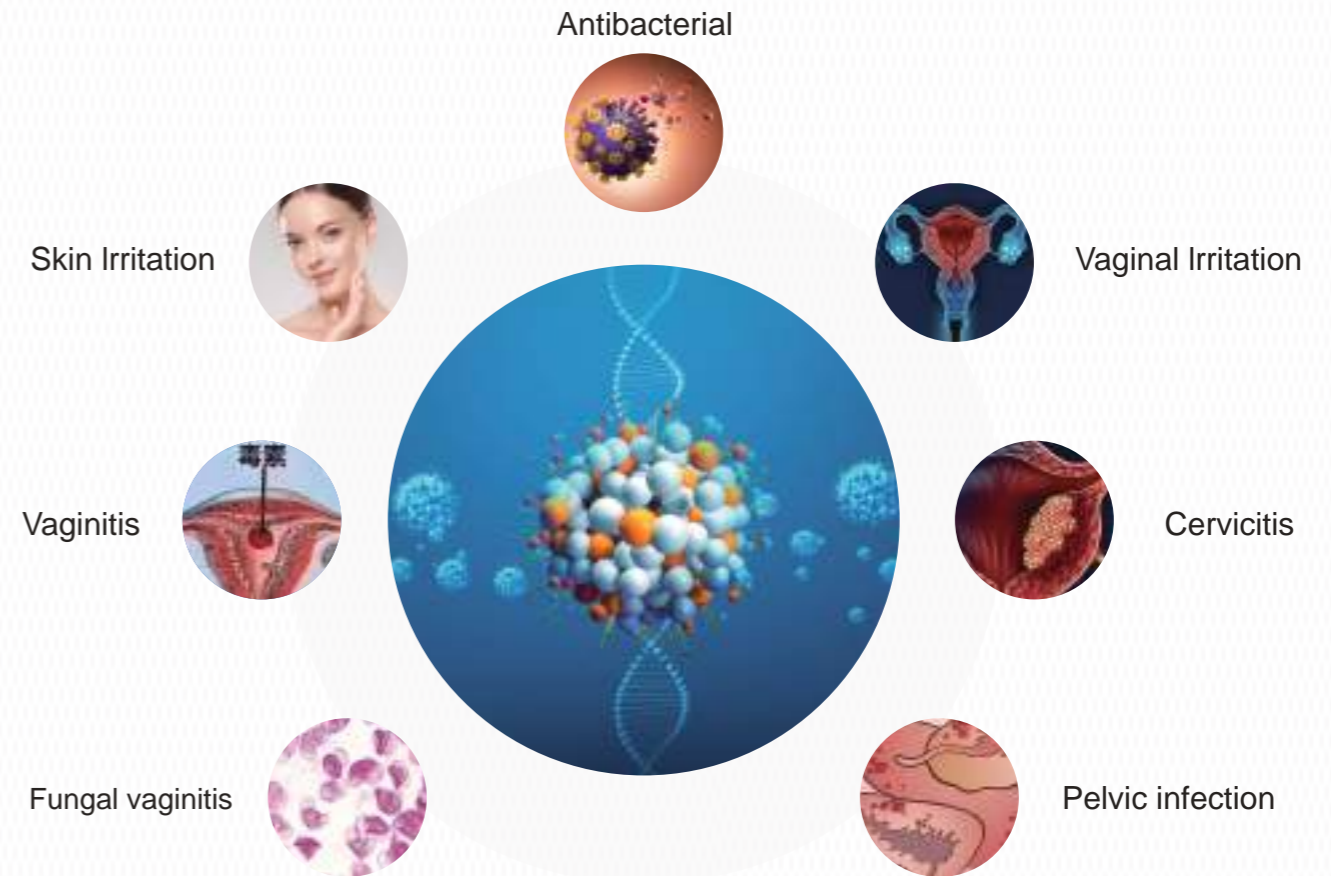
While sterilizing, it improves the acid-base environment of destroyed bacteria to restore balance.



Comfortable and painless

The treatment process is comfortable and painless, causing no damage to the patient's body, no pain, and no drug resistance.

7 major functions



Versatile Use

Air plasma technology is suitable for a variety of medical applications, ranging from sterilization to tissue ablation. This versatility makes it a valuable tool in many clinical settings.



Cost-effective

Utilizing ambient air, this technology reduces the need for additional gases or consumables, making it a cost-effective solution for medical treatments.

Complementary Healing

Air plasma complements cold plasma in treating diabetic wounds and bed sores, enhancing the overall effectiveness of the healing process.

Ozone Generation

The ozone produced by air plasma can be used for safe disinfection and antibacterial treatment of teeth using special autoclave-able silicone heads. This ensures a sterile environment and minimizes the risk of infections in dental procedures.

Applications

Effective in dentistry, general surgery, and as a complementary treatment for wound healing and bed sores. It provides a reliable and efficient treatment option for various medical conditions.

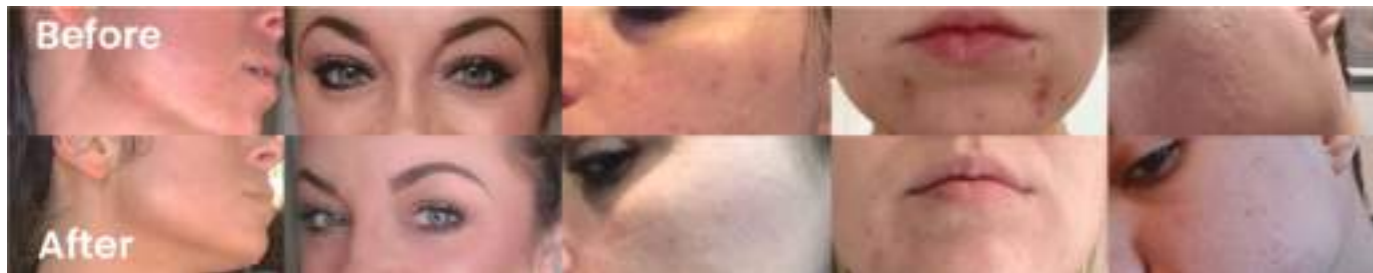
DBD Plasma

Cell Phone

Body pain, easy to deal with

- ✓ Heal
- ✓ Inflammatory
- ✓ Repair
- ✓ Analgesia

By applying a high voltage between two electrodes, an electric field is created between them, if this electric field is strong enough, the gas captured by the electrodes is ionized, forming a plasma. This energy has healing properties and is an effective response in the treatment of chronic wounds as well as infectious and inflammatory skin diseases.



Advanced Technology

ZYL's DBD plasma technology stands out from cheap handheld devices available in the market. It features optimized frequency, ensuring no electric conductivity, pain, bad noise, or uncomfortable sensations during use.



Ozone Generation

DBD plasma generates ozone deep within the skin, providing powerful sterilization benefits. This function is particularly useful for treating active acne and promoting overall skin health by reducing bacterial load and improving skin condition.

Increased Cell Motivation and Blood Circulation

DBD plasma significantly enhances cell activity and promotes blood flow. This results in numerous health benefits, such as improved skin texture, reduced inflammation, and accelerated healing processes. This technology can be leveraged in various medical treatments requiring cell regeneration and repair.

This set includes 7

different ozone therapy applicators.



Probe No. 1 - Fork Tube Probe No. 2 - Strip Tube Probe No. 3 - Bent Tube Probe No. 4 - Comb Tube Probe No. 5 - Roller Tube Probe No. 6 - Tongue Tube Probe No. 7 - Mushroom Tube



Analgesic Effect

Medium-frequency current can excite the thick fibers of peripheral nerves and regulate them through the "gate" to inhibit the small fibers that conduct pain sensation, thereby analgesic; it can also dilate blood vessels, promote blood circulation, and accelerate the elimination of local painful substances.



Exciting muscle tissue

Medium-frequency current can produce changes in the polarity inside and outside the cell membrane, depolarize the membrane potential, and form an action potential, thus exciting nerve muscles and causing muscle contraction.



Soften scars

Medium-frequency current can expand the gap between cells and tissues, causing the adherent connective tissue fibers, muscle fibers, nerve fibers, etc. to separate after movement.



Axon reflex

Axon reflex refers to when a medium-frequency current acts on the human body surface, the electrical stimulation passes through the afferent nerves to the posterior horn of the spinal cord, exciting the efferent nerves and causing the small arteries of the skin to dilate; When the skin is electrically stimulated, histamine, substance P, acetylcholine, etc. will also be released to dilate blood vessels;

QUALIFICATION DISPLAY

Believe in the power of brand. We are the creator of high standards in the industry.



Safety Management



Quality Assurance



System Standards



Business License



Our Values

Innovation:
We continually seek to develop new technologies that improve patient outcomes.

Quality:
Our products are designed and manufactured to the highest standards.

Integrity:
We are committed to ethical practices and transparency in all our operations.

Customer Focus:
We prioritize the needs of our customers, ensuring exceptional service and support.



中奕龙医疗（深圳）有限公司
ZYL MEDICAL(SHENZHEN)CO.LTD

COMPANY OVERVIEW

ZYL Medical (Shenzhen) Co., Ltd. has over 12 years of OEM&ODM experience in home healthcare and medical beauty control motherboards. With years of cooperation with many well-known domestic and foreign enterprises, and based on production and development by our own engineering team, we have absorbed advanced plasma technology from abroad and independently innovated in some fields. We have achieved great success in areas such as intermediate frequency therapy equipment, high-frequency electrocautery equipment, ozone disinfection equipment, and pain treatment equipment. ZYL Medical (Shenzhen) Co., Ltd. has various treatment instruments in the fields of dermatology, pain management, gynecology, trauma management, dentistry, orthopedics, and more. The instrument has passed the medical related production qualification certification of the national device, and the product meets the national device standards. Obtaining relevant patent certification.

The production factory is located in Shajing Town, Shenzhen City. The company was established in 2012 and has a 2000 square meter independent automated production workshop and medical device assembly line. From product development to production testing, one-stop service.

Starting from 2023, shareholders have led an excellent team of engineers and marketing teams to establish an office in Boluo County, Huizhou, which has a beautiful environment and convenient transportation. It has a 6-story 1000 square meter office building and a 200 square meter ZYL Medical Beauty Experience Hall, which is convenient for domestic and foreign customers to visit, learn, and experience. Customers can have a better understanding of our products and their significant contributions and assistance in various medical fields. With the changes in the international economic environment, Shenzhen ZYL Electronic Technology Co., Ltd. is striving to learn from the internationally renowned enterprise Huawei Technology Co., Ltd. in the field of electronic healthcare, we strive to cultivate without arrogance or impatience, continuously innovating and making strong contributions to people's health and human civilization.