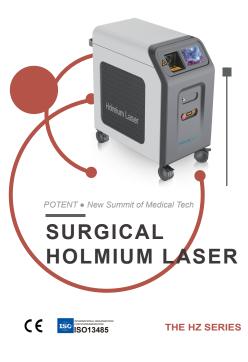
Potent[®]普东医疗

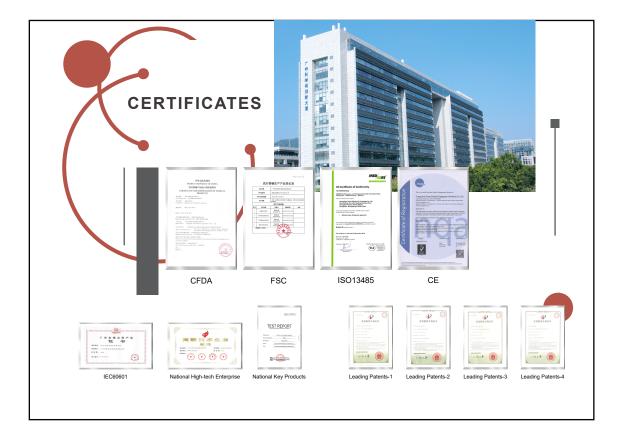


ABOUT US CONTENTS

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ABOUT POTENT



Potent Medical Equipment Joint-Stock Co., Ltd.is located on 5th Floor C2. Building N0.11, Kayuan Road, Science OkyHight-koh Industrial Development District, Guangzhou, China, specializing in the R&D, mandratcuring and marketing of Medical aster therapeutic apparatus, Patient Iff system and Optoelectronic medical Equipments, The self-developed Hohmimu. Laser System Tranks in leading edge in the Chinese market occupancy.been stably supplied to over 45 sourts for over 15 years Also, Potent has been manufacturing and marketing "Patient Lift System" over Gounts in the domestic market and globel market every year.and

Development History

2004 Established

2008 CFDA

2009 ISO13485

2010 National High-tech Enterprise

2011 CE

- 2012 Identified as"Key Products" by Ministry of Science and Technology of China
- 2016 Enterprise of Observing Contract and Valuing Credit
- 2017 Medical Laser Equipments Engineering Technology R&D Center
- 2019 Registration certificate of medical fiber and plasma sterilizer
- 2021 Update the holmium laser registration certificate

America Brazil, Argentina, Mexico, Bolivia, Chile, Colombi a. Salvador, Ecuador, Peru, Guatemala etc.

Europe

Spain, France, Russia, Ireland, Ukraine, Denmar k, Netherland, Poland, Romania, Bulgaria, Albani a, Armenia, Moldova etc.

Afica

South Africa,Nigeria,Sudan,Ethiopia,Kenya, Tanzania,Senegal,Côte d'Ivoire,Zambia etc.

Asia

China, Japan, India, Korea, Singapore, Malaysia, Vietnam, Indonesia, Philippines, Thailand, Pakistar Uzbekistan, Nepal, Tajikistan, Kazakhstan, Bangladesh, Azerbaijan etc.

The Middle East

Turkey, United Arab Emirates, Saudi Arabia, Qatar, Yemen, Iraq, Bahrain, Jordan, Syria, Iran, Egypt, Lebanon, Morocco Algeria etc.

POTENT MEDICAL HOLMIUM LASER



vements in BPH Symptoms Durable Out to 10 years

"Dual-insurance" Laser

Two cavities work design; two beams of laser can work together or separately. When an error occurs in one beam output, the other one assures the operation going smoothly.

Unique Sealing Techniques Patent

Built-in well-sealed cavity: it is anti-shock, anti-humidity, anti-dust, anti-interference of electromagnetic wave, it ensures long-term steadyness of laser output and lifespan of laser cavity.

Imported Core Parts (From USA and Germany)

Through ENC test, imported core accessories enhance holmium laser output stability and efficiency of transformation, which provides reliable security assurance while assuring high power, super stability and long-term use. Sound-mute Environment friendly Water Cooling System, high efficiency, long time use

0.1J step-length adjustment, wide-range alternative Energy feedback of loop control system

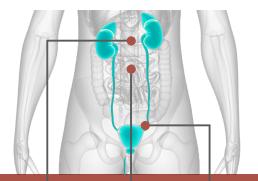
Highest monopulse energy ca achieve 4.5J and highest frequency is 40HZ, which shortens operation time and increases surgery efficiency.

Color touch LCD with big screen, easy to manipulate Clear direction lights bies and adjustable Varieties of optical fiber specifications: 200µm. 215 µm. 365µm. 560µm. 300µm. 1000µm Intellectualized memory function, automatically resumes default setting, no need to set regularly.



TECHNICAL DATA

40Watts,	60Watts,	80Watts,	90Watts,	
Holmium laser (Ho:YAG)				
300-600µs				
Green 532nm,<1mW,can be fine-tuned				
Internal cooling system				
Reusable 200µm,275µm,365µm,550µm,800µm,1000µm				
AC 220V-240V/50Hz-60Hz,single phase				
	:m 89cm*4	5cm*90cm	89cm*45cm*105cm	89cm*45cm*105cm
110ka	135kg		150kg	160ka





EROLOGY

system cancer Esophageal stenosis, Upper gastrointestinal polyps.



GENERAL SURGERY ଜୁନ୍ତ

UROLOGY LITHOTRIPSY, BPH, TUMOR (Bladder), URETHRAL ,STRICTURE

ORDERING INFORMATION

HOLMIUM LASEF

Ships with Foot Pedal / Switch and Power Cable

LASER FIBERS

Potent Reusable Fiber

CCESSORIES

Fiber Stripper / Peeler - Adjustable

Diamond Fiber Cutter

Laser Glasses

Foot Pedal / Switch

OWER CABLES

Laser Power Cable, Configuration 1 EU Countries and Indonesia, Turkey, Egypt, Tunisia, Peru, Russia

Laser Power Cable, Configuration 2 United States, Columbia, Taiwan

Laser Power Cable, Configuration 3 Brazil

Laser Power Cable, Configuration 4 (309 plug) Switzerland, Italy, France

Laser Power Cable, Configuration 5 Denmark

Laser Power Cable, Configuration 6 India, South Africa, Malaysia, Pakistan, Singapore

Laser Power Cable, Configuration 7 Israel, Palestine

Laser Power Cable, Configuration 8 (Bare cord - no plug end) UK, Japan, Australia, Other

Potent HZ Series Holmium Laser system can be used to perform incision, excision, resection ablation, vaporization, coagulation and hemostasis of soft tissue and in lithotripsy of stones in various medical specialties, including:

LASER FIBERS

STANDARD FIBERS For general use in stone and so tissue treatments



PERFORMANCE FIBERS Designed to deliver great power even with small fibers

BALL TIP FIBERS Strongly simplify the insertion in already bent scopes



GASTRO FIBERS Specifically designed for the fragmentation of gallstones

Potent Holmium Laser System can be operated with a large range of fibers, depending on the application, flexibility and settings required.





Technical Data

Wavelength / spectral range	Optran ® UV: 190 – 1200 nm , Optran ® WF: 300 – 2400 nm			
Holmium laser fiber	200µm,275µm,365µm,550µm,800µm,1000µm			
Numerical aperture (NA)	0,12 ± 0,02 0,22 ± 0,02 0,28 ± 0,02 or customised			
Operating temperature	-190° to +350°C			
Core diameter	Available from 25 µm to 2000 µm			
Standard core / cladding ratios	1 : 1,04 1 : 1,06 1 : 1,1 1 : 1,15 1 : 1,2 1 : 1,25 1 : 1,4 or customised			
OH content	Optran © UV: high (> 700 ppm) Optran © WF: low (< 1 ppm) Fibers with OH contents < 0,25 ppm and < 0,1 ppm are available upon request			
Standard prooftest	100 kpsi (nylon, ETFE, acrylate cladding) 70 kpsi (polyimide cladding)			
Minimum bending radius	50 × cladding diameter (short-term mechanical stress) 150 × cladding diameter (during use with high laser power)			

