

BUKHARI MEDICAL

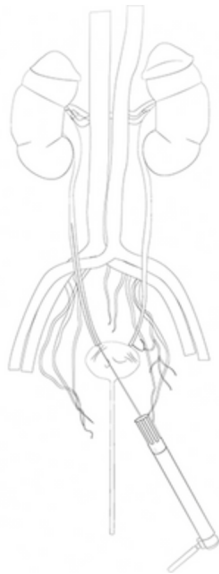
PNEUMATIC LITHOTRIPSY LITHORAZE 2



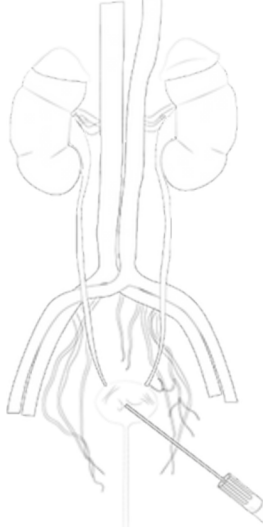
- *Efficient & cost effective*
- *shorter operating time*
- *fast stone fragmentation*
- *safety & accuracy*



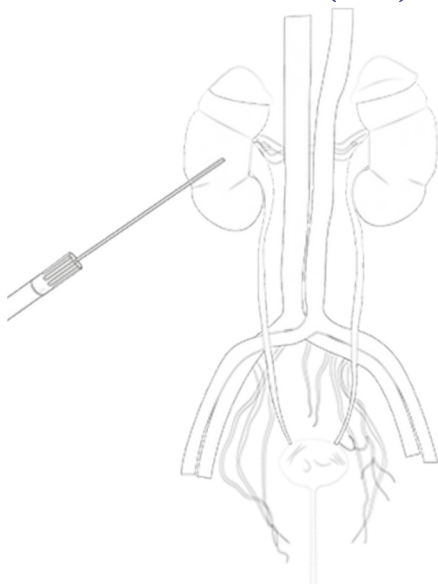
URETERO-RENOSCOPY (URS) APPLICATION



BLADDER STONES TREATMENT



PERCUTANEOUS NEPHROLITHOTOMY SURGERY (PNL)



PNEUMATIC LITHOTRIPSY

LITHORAZE 2

Pneumatic Lithotripsy System works with the principle of transmitting the kinetic energy created on a titanium bullet to a stainless titanium probe and then through to with pneumatic/ballistic system.

The principle of Pneumatic Lithotripsy System operates by using compressed air to generate kinetic energy in a titanium bullet, which is then transmitted to a stainless titanium probe. The probe, in direct contact with a kidney stone, delivers high vibrations impacts, causing the stone to fracture into smaller pieces. This efficient energy transfer allows for the effective fragmentation of stones, making them easier to remove or pass naturally

BUKHARI MEDICAL LITHORAZE 2

This is the latest version of bukhari medical lithotripsy .

LITHORAZE 2



PRODUCT FEATURES

- Ease of use
- Cost Effective
- Patient safety
- Safe and Efficient Procedure
- Rapid Stone Fragmentation
- Adjustable Pressure Levels
- Durable Materials
- Economic price
- Superior quality

INTEGRATED SOUNDLESS LITHORAZE 2

ADVANTAGES

For Patients

- Minimally Invasive
- Effective Stone Removal
- Shorter Procedure Time
- Lower Risk of Tissue Damage
- Quicker Recovery

For Surgeons

- Precision and Control
- Reduced Procedure Time
- Versatility
- Minimal Invasiveness
- Enhanced Safety

The LithoRaze 2 is an advanced pneumatic lithotripsy system designed for superior stone fragmentation with a focus on user convenience and patient comfort. It features an integrated, soundless compressor, ensuring quiet operation during procedures, which enhances the surgical environment and reduces patient stress.



Additionally, the system comes with a purpose-built trolley, offering seamless mobility and easy access to all necessary components. This makes LithoRaze 2 an efficient and user-friendly solution for modern urological practices.

PRODUCT FEATURES

- Soundless Compressor
- Noise Reduction Technology
- Compact and Ergonomic Design
- Efficient Power Management
- Enhanced Mobility

PNEUMATIC HANDPIECE

powerfull ballistic technology

BM2 Pneumatic handpiece

OUR Pneumatic handpiece have two models

Enhanced precision in surgical procedures is achieved through fine control and minimal vibration.



PRODUCT FEATURES

- Reduced Fatigue for Surgeons
- Lightweight
- Design Ergonomics
- Improved Patient Safety
- Lower Heat Generation
- Consistent Power Output

BM3 Pneumatic handpiece

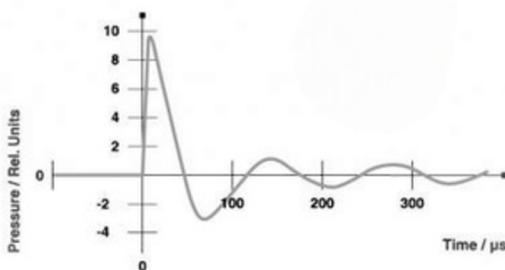
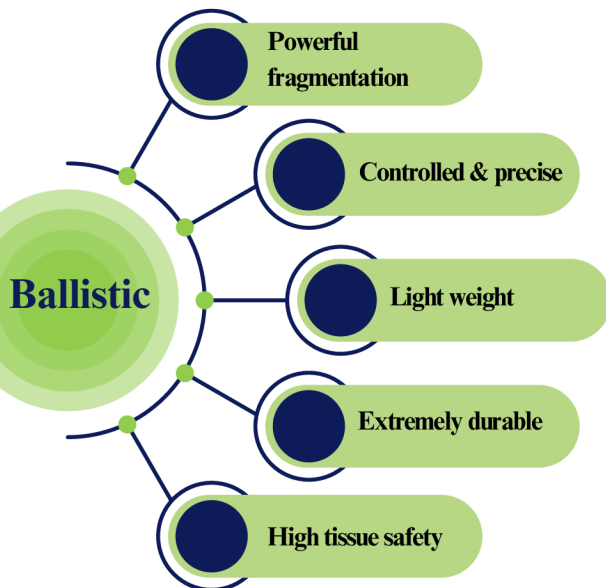
Compatible with swiss lithoclast

The upgraded handpiece features dual bullet protection rings for enhanced safety, increased precision with advanced control.



PRODUCT FEATURES

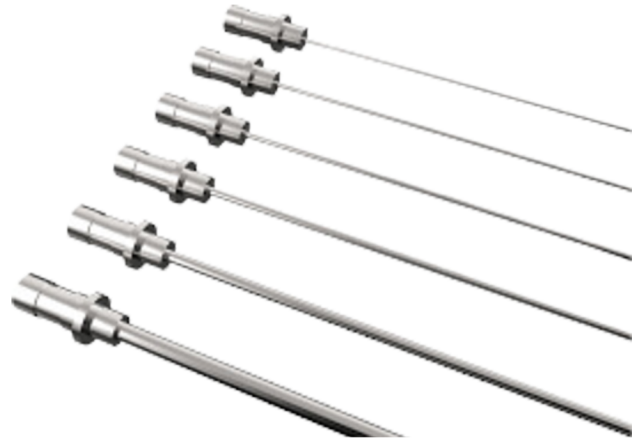
- Dual Bullet Protection Rings for superior safety
- improved stability with reduced vibration
- Refined Handle Design for better grip
- lightweight
- Overheat Protection
- Easier Maintenance



PNEUMATIC LITHOTRIPSY HANDPIECE PROBES

Compatible with the Swiss LithoClast

Bukhari Medical Lithotripsy probes typically manufactured in standard sizes to accommodate various clinical needs and anatomical variations. The common sizes for lithotripsy probes are



The length of lithotripsy probes can vary depending on the procedure and the specific type of probe being used. Here are the typical lengths for URS (Ureteroscopy) and PCNL (Percutaneous Nephrolithotomy) probes:

STANDARD SIZES

- 0.8 mm
- 1.0 mm
- 1.2 mm
- 1.5 mm
- 1.8 mm
- 2.0 mm

1. URS (**U**reteroscopy) Probes:

- Length:

Usually range from 40 cm to 60 cm.

- Purpose:

Designed for use in the ureter and kidney via a flexible or rigid ureteroscope.

2. PCNL (**P**ercutaneous **N**ephrolithotomy)

Probes:

- Length:

Typically range from 30 cm to 45 cm.

- Purpose:

Used for accessing and treating stones directly through the skin (percutaneous access) in the kidney or upper ureter.

TECHNICAL SPECIFICATIONS

Device Model	Table Top device
Power Ratings	100v~220v, 1.52 A
Pulse Frequency	1~20
Pressure Range	1~6 bar
Dimensions	L 11", W 11" , H 6"

LITHORAZE FEATURES

OPERATING MODE	SINGLE MULTIPLE
COUNTER	COUNTS NUMBER OF STOCKS
PRESSURE REGULATOR	LOW ~ HIGH (0~6 BAR)
RESET	REST COUNTER

ACCESSORIES

FOOT SWITCH	250v :10A
AIR PIPE 1	L : 3m diameter : 6mm
AIR PIPE 2	L : 3m diameter : 8mm
POWER CABLE	250v :10A

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