



SialoLither

Pneumatic Lithotripter for Salivary Gland Stones

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SialoLithor is the minimal invasive salivary gland stone fragmenting device as working with the electro- pneumatic principle.

The system works with the principle that ballistic energy created by the bullet that hits a stainless steel probe by moving with compressed air breaks down the stone coming to the tip of the probe. The stainless steel probe transmits the ballistic energy generated by pneumatic pressure pulses to the salivary gland stone to break the stone. These probes are manufactured from the special stainless steel which is biocompatible and convenient for the medical usage.

Electro-pneumatic ballistic energy only provides the fragmentation of the stone and do not harm the soft tissue. Since the system operates only under the effect of ballistic strokes occurred by the compressed air source, no heat is generated with a thermal influence. Thus, there is no damage either tissue or the optics of the sialendoscopy caused by the thermal effect.

Cat.No. HD-0201/E

SialoLithor is used the fragmentation of the stones in the salivary gland of both parotid and submandibular ducts. The direct effect of electro-pneumatic energy to the probe results in the maximum effect for the direct fragmentation of the stone. With this effect, stones are safely fragmented in a short time.

The SialoLithor with the design and ease of use, is more effective and powerful for the minimal invasive treatment of salivary gland stones with the sialendoscopy and also is more economical with low installation and maintenance costs. In addition, the operating cost is low by reusable probes as it doesn't need any the consumables for each operation.

User friendly touch screen serves easy control of operation parameters by showing number of shocks, operating pressure and frequency and mode of pulses.

SPECIFICATIONS

Operating Pressure	: 1-5 Bar continuously adjustable
Operating Frequency	: 1-8 Hz
Pulse Mode	: Single and continuous (burst)
Power Supply	: 115/230 VAC / 50-60 Hz (+/- %10)
Screen	: 7" Color touch screen
Electrical Safety	: Class I Type A (EN 60601-1) Class IIa (93/42/EEC)
Dimensions	
Main unit	: 380 x 315 x 215 mm
Hand piece	: 215 x 20 mm
Probes	: 0.6 mm ve 0.7 mm
Weight	: 10.5 kg
Sterilization	
Hand piece	: Chemical and gas sterilization
Probes	: Autoclave, chemical or gas sterilization
Accessories	: Original trolley (two wheels lockable), 10 bar internal oil free, silent air compressor



Specifications and appearance are subject to change without prior notice

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