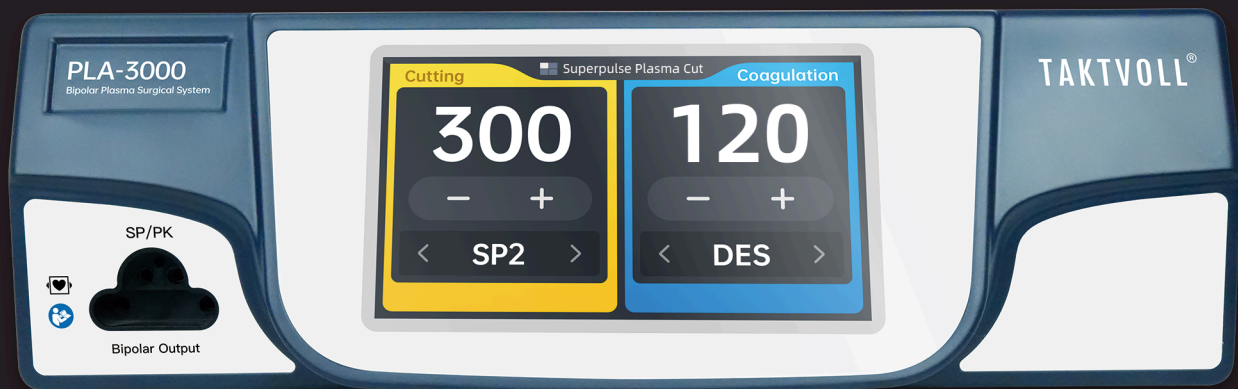


TAKTVOLL®

New Generation PLA-3000 Plasma Surgical System

(Urology & Gynecology)



- Advanced bipolar technology, Low voltage and high current, True bipolar cutting, Minimal tissue trauma
- Vaporized pulse coagulation, Resistance monitoring, Coagulation from the inside out
- Plug and play, automatic recognition of device default settings

Superpulse Generator

Powerful, Precise, Predictable

TAKTVOLL® Technology provides advanced sealing and cutting with superior hemostasis, delivering minimal energy to achieve the desired tissue treatment. It combines the safety of saline with pulsing, ultra-low voltage and high current energy for optimal tissue resection and vaporization for safer, faster treatment of BPH and bladder tumors.

TAKTVOLL® Technology gives surgeons optimal, precise control by delivering instant energy from initial activation and provides consistent performance during the removal and coagulation of tissue.

Resection

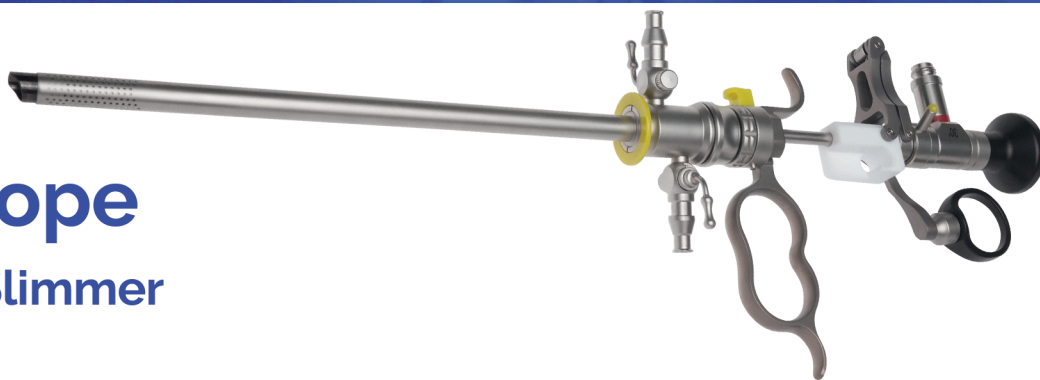
TAKTVOLL resection technology is now compatible with the most versatile surgical tissue management solution available from a single workstation.

- Virtually bloodless vaporization of the prostate with excellent hemostasis
- Short catheterization time
- Shorter procedure time
- Reduced risk of obturator nerve stimulation
- No risk of hyponatremia
- Minimal charring / thermal spread
- Less bleeding (has even been demonstrated in patients on anti-coagulants)
- High ablation rate

Vaporization

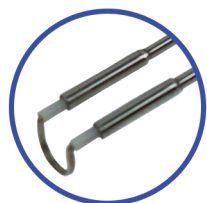
The revolutionary, optimized spherical shape of the Vaporization Electrode combined with the easy-to-learn vaporization technique results in well-coagulated, smooth tissue. Vaporization of the tissue is performed by the plasma corona utilizing pulsing, ultra-low voltage energy. Vaporization is safely performed in saline while the plasma corona reduces the penetration depth of the energy, affecting only localized tissue. The electrode shape combined with resection-in-saline technology provides a safe and easy-to-use solution to tissue management challenges.

Resectoscope Lighter, Longer, Slimmer



- 1 Resectoscope is equipped with the TAKTVOLL Logical-Locking-System (LLS), which guarantees quick and secure assembly. The placement of key connections makes it extremely well balanced, and the finger spread on the working element is optimized to reduce fatigue. The high precision working element reduces friction force to a minimum and allows for a very smooth cutting experience.
- 2 The autoclavable Resectoscope combines high quality materials with excellent workmanship. All metal components are made of highly durable and chemically resistant stainless steel. The ceramic beak carries a lifetime guarantee against thermal stress.
- 3 Maintenance-free stainless steel stopcocks ensure reliability.

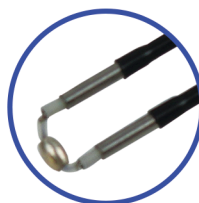
Electrodes



Plasma Superloop
Wide REF: PL744200
Fine REF: PL714941



Plasma Loop
3mm REF: PL714520
4mm REF: PL714530



Plasma Button Electrode
REF: PL714500



Plasma Needle electrode
REF: PL714510

Laparoscopic Instruments



Cutting Forceps REF: PL3005 5mm X 33cm

Features the same great Tip Design with Serrated Jaws for secure tissue grasping, coagulation, dissection and retraction.



Dissecting Forceps REF: PL3700 5mm X 33cm

Two-tiered, tapered jaw design with serrated surfaces provides secure grasping and retraction of tissue as well as pinpoint or wide based coagulation

Open Instruments



Open Forceps/Straight REF: PL3104

Capable of sealing various tissue types and vessels up to 7mm in diameter, eliminating the need for multiple sutures, clips, or staples in open surgery.



TAKTVOLL

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Email: support@taktvoll.com.cn

Web: www.taktvollmed.com

Specifications

Model: PLA-3000

Voltage: 100-120 VAC(±10%)/220-240 VAC(±10%)

Rated supply frequency: 50 Hz/60 Hz

Power fuses: T10AH/250V

Working frequency: 360 kHz

Dimensions (W x D x H): 405x405x125mm

Weight: 6.0 kg (13 lbs)

Standards:

Protection class in accordance with IEC 60601-1 I

Type in accordance with IEC 60601-1 CF

Model	SP	PK	DES	VP
Maximum Output Power (W)	300W	200W	120W	90W
Load Impedance (Ω)	200Ω	200Ω	100Ω	100Ω