

# NANO 300

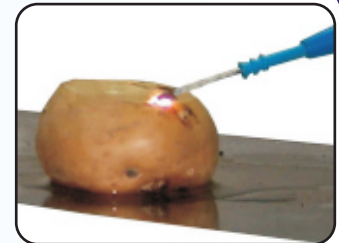
NANOTECHNOLOGICAL ELECTROSURGICAL UNIT



## ELECTROSURGERY@ NEVER BEFORE ECONOMICAL PRICES

### SPECIAL FEATURES OF NANO 300

- 1 ESU with nanotechnology
- 2 Ten outputs in single unit
  - \* Sharp Cut
  - \* Low Blend Cut
  - \* High Blend Cut
  - \* Polyp Cut
  - \* Massive Spray Coag
  - \* Super Forced Coag
  - \* Superficial Coag
  - \* Ultrafine Bipolar
  - \* Superfast Bipolar
  - \* Bi-cut
- 3 Light weight compact design in ABS plastic enclosure
- 4 Memorization of last used settings
- 5 Feather touch controls for adjustment of power and selection of mode
- 6 Separate high glow digital display for each mode



Massive Spray Coag



Single Electrosurgical Unit for all known Surgical Procedures.

- ▶ Neuro Surgery
- ▶ General Surgery
- ▶ Orthopaedic Surgery
- ▶ Endoscopic Surgery
- ▶ Laparoscopic Surgery
- ▶ Gynec Surgery
- ▶ Under Water Surgery
- ▶ Cancer Surgery
- and many More.....

# NANO 300

NANOTECHNOLOGICAL ELECTROSURGICAL UNIT



Nano 300, electrosurgical generator with new advanced technology, designed and developed by R&D team of D 4 Surgicals, to cater the needs of surgeons for each and every known speciality surgical procedure.

The specially developed **Feedback Mechanism** monitors a slight change in resistance offered by the tissues, every nano second and it automatically adjusts the output power of nano 300. This allows surgeon to perform the surgery with less tissue damages compared to other ordinary electrosurgical generators available in market.

Nano 300 is our sincere efforts to help the surgeons, hospitals, nursing homes, day care units, polyclinics by providing single unit for all known surgeries at never before economical prices.

## OUTPUT POWER

*SHARP CUT	300 W	*MASSIVE SPRAY COAG	80 W	*ULTRAFINE BIPOLAR	60 W
*LOW BLEND CUT	250 W	*SUPER FORCED COAG	100W	*SUPERFAST BIPOLAR	80 W
*HIGH BLEND CUT	200 W	*SUPERFICIAL COAG	100W	*BI-CUT	100 W
*POLYP CUT	100 W				

## SAFETY FEATURES

- ▶ Isolated power outputs to minimize the surgical burns
- ▶ Patient plate detection audiovisible alarm
- ▶ Output power proportional to resistance offered by tissues= less damages to adjacent healthy tissue.

## TECHNICAL SPECIFICATIONS:

POWER SUPPLY: 220 VAC 50/60 HZ

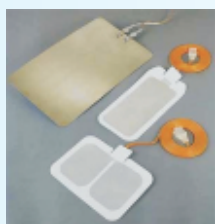
OPERATING FREQUENCY: 500 KHZ

DIMENSION 12" x 10" x 4"

WEIGHT : 3.5 KG

High frequency leakage :- Less than 150 mA rms

Cooling :- forced convection cooling by silent fan.



## SET OF STANDARD ACCESSORIES

- ▶ 1 MONOPOLAR FOOTSWITCH
- ▶ 1 BIPOLAR FOOTSWITCH
- ▶ 1 DISPOSABLE HAND CONTROL PENCIL
- ▶ 1 AUTOCLAVABLE FOOT CONTROL PENCIL
- ▶ 1 S.S.PATIENT PLATE WITH CABLE
- ▶ 1 BIPOLAR FORCEP WITH CABLE

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We reserve the right to make technical modifications in the apparatus without notice.