

KARA®



**Kraft
Surgicals**
Legacy of Healing

Laparoscopy Gynecology & Urology Instruments

LAPAROSCOPIC

GYNACOLOGY &

UROLOGY INSTRUMENTS

TROCAR CANNULA



ATRAUMATIC DISSECTING & GRASPERS FORCEP



TRAUMATIC DISSECTING & GRASPERS FORCEP



CLIP APPLICATOR



STONE REMOVAL



GALL BLADDER EXTRACTOR



NEEDLE HOLDER



Needle Holder Straight Jaw

Self Aligning Jaw

Curve Jaw



CLICKLINE / PREMIUM SERIES GRASPER

(Monopolar & Bipolar Diameter : 5mm & 10mm, Length 300mm)



SUCTION IRRIGATION INSTRUMENTS



Thumb/2 Way Sliding Valve
Suction Irrigation 5mm & 10mm



Thumb/2 Way Sliding Valve
Suction Irrigation 5mm & 10mm



Trumpet Valve
Suction Irrigation 5/10 mm ss



Trumpet Valve
Suction Irrigation 5/10 mm

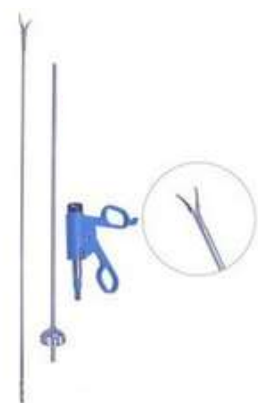
BIPOLAR SEALER CUTTER

(Diameter : 5mm, Length 300mm Merryland/Fenestrated, Golden Tip Detachable)



BIPOLAR FORCEPS (BISSINGER TYPE)

(Diameter : 5mm, Length 300mm Merryland/Fenestrated Tip)



Detachable insert Forcep



Detachable insert Forcep



Non-Detachable Ruby Forcep



Merryland/fenestrated Tip

GYNECOLOGY INSTRUMENTS



COLPOTOMIZER (STORZ TYPE UTERINE MANIPULATOR)



Marwa type Uterine Manipulator



Mangeshikar Type Uterine Manipulator



STONE FORCEPS



FAN RETRACTOR



LIVER/SNAKE RETRACTOR



TENACULUM FORCEPS
(Diameter : 10mm, Length 300mm)

Myoma Screw Diameter : 5mm, Length 300mm)



PCOD Needle Diameter : 5mm, Length 300mm)



Ring Applicator with Pusher & Loader
Diameter : 5mm, Length 300mm)



Vaginal Tube
Diameter : 32mm, 38mm, Length 200mm)



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MONOPOLAR ELECTRODES

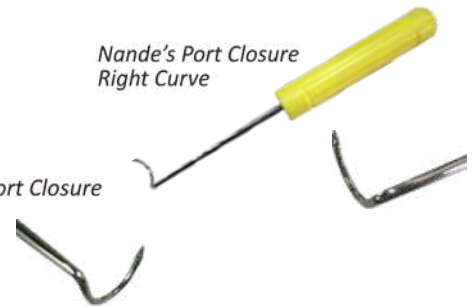


VIDEO LARYNGOSCOPE

With Three Blade: Pediatric/Adult/Difficult Airway intubation
Resolution Ratio: 2.0 M Pixel 640x480
Screen: 3.5" LCD
Capacity : 3200 mAh
Unique Anti-fog function
Light Weight: 376gm

Nande's Port Closure
Right Curve

Nande's Port Closure
Left Curve



HEM-O-LOCK CLIP APPLICATOR PURPLE/YELLOW/GREEN

(Diameter : 5mm & 10mm, Length 300mm)



LAPAROSCOPIC SIMULATOR/ENDOTRAINER



1. Endotrainer Set (Abdominal shape)
2. Suture pad (Silicon)
3. Needle holder
4. Scissors
5. Maryland
6. Fenestrated Grasper

7. Port
8. LED Light source with Charger
9. HD Camera with Power Adopter
10. Video Cable
11. Suture Modules

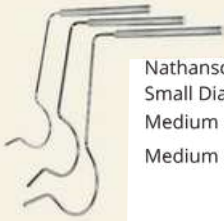


**BULLDOG
LAPAROSCOPIC
CLIP APPLICATOR**
Diameter :
10mm, Length 300mm

KARA ARM RETRACTOR WITH ITS COMPLETE ACCESSORIES (NATHANSON TYPE)

HOLDING & POSITIONING DEVICE (NATHANSON)

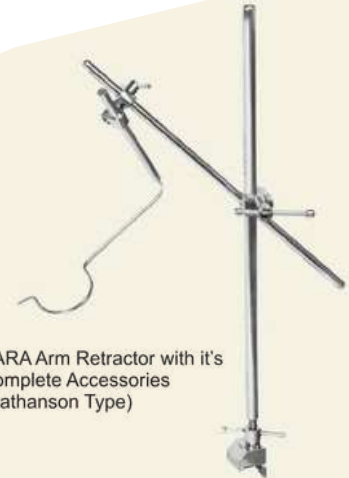
NATHANSON LIVER RETRACTOR



Nathanson Retractor
 Small Dia 6mm, Length 40mm
 Medium Dia 6mm, Length 60mm
 Medium Large Dia 6mm, Length 80mm



Table Mounting Clamp
 With Rod (12/30)



KARA Arm Retractor with it's
 Complete Accessories
 (Nathanson Type)

FLEXI ARM WITH ITS STANDARD ACCESSORIES (SCOPE HOLDER)



Flexi Arm with 15 Beads With
 Variable Jaw Holder
 4 to 10mm



12mm Rod (48mm) For
 Nathanson & Flexi-Arm
 (Combo)



Flexi Arm with Its Standard
 Accessories (Scope Holder)



SCOPE HOLDER
 With Nathanson Liver Retractor

COMBO - FLEXI ARM HOLDER & POSITIONING DEVICE

Flexi Arm with 15 Beads With Variable Jaw Holder 4 to 10mm

Table Mounting Clamp With Rod (12/30)

Positioner Clamp for Holding 12mm & 12mm Rods

12mm Rod (45cm) For Nathanson & Flexi-Arm

Nathanson Retractor Medium dai 6mm, Lenght 60mm

Nathanson Retractor Large dai 6mm, Lenght 80mm



SPECIFICATION*

Power input 220 volts +-5%/ 110 volts (for foreign Country)
 Power consumption 150 Watts
 Frequency 3.5 MHz
 Maximum Output
 HF Monopolar 150Watts on 400ohm load
 HF Bipolar 100 Watts on 100ohm load
 Fulguration 100 Watts on 1000ohm.
 Size: 8 1/2" X 7 1/2" X 4"

300 WATT ANALOGUE CAUTERY MACHINE



SPECIFICATION*

Voltage: 110-220 V
 Max Power : 250W
 Programs : NA
 Monopolar Modes : Cut, Coagulation
 Bipolar Modes : Cut, Coag
 Tissue Response Circuit : NA
 Patient Plate Monitoring System : NA
 Dimension(WxHxD) & Weight : 3.5 " X 13 X" & 6 Kg.

	Mode	Dial	Power	Load	Operating Frequency
CUT:	Cut	10	250 W	500 Ω	480 Khz
COAG:	Coug	10	100 W	500 Ω	480 Khz
BIPOLAR:	Bipolar	10	80 W	300 Ω	480 Khz

250 WATT DIGITAL ELECTRO CAUTERY MACHINE- SMART 250



SPECIFICATION*

Voltage: 110-220 V
 Max Power : 250W
 Display : 7Segment Digital
 Programs : 6
 Monopolar Cut Modes : Pure Cut, Blend1, Blend2, Endo Cut
 Monopolar Coagulation Modes : Spray, Dessicate, Fulgurate
 Bipolar Modes : Micro, Macro
 Tissue Response Circuit : Present

400 ANALOGUE CAUTERY MACHINE

MODEL: SSE-TUR



SPECIFICATION

Voltage: 110-220 V
 Max Power : 400W
 Programs : NA
 Monopolar Modes : Cut, Coagulation
 Bipolar Modes : Cut, Coag
 Tissue Response Circuit : NA
 Patient Plate Monitoring System : NA
 Dimension(WxHxD) & Weight : 3.5 " X 13 X" & 6 Kg.

	Mode	Dial	Power	Load	Operating Frequency
CUT:	Pure	10	400 W	500 Ω	480 Khz
	Blend 1	10	250 W	500 Ω	480 Khz
	Blend 2	10	250 W	500 Ω	480 Khz
COAG:	Spray	10	120 W	500 Ω	480 Khz
	Fulgurate	10	150 W	500 Ω	480 Khz
	Dessicate	10	100 W	500 Ω	480 Khz
BIPOLAR:	Soft	10	80 W	100 Ω	480 Khz

400 DIGITAL ELECTRO SURGICAL CAUTERY MACHINE



MODEL: SMART 4

Program mode : 99 User settable program mode
 Frequency : 480khz
 Display : 7segment LED



MODEL: SMART 4 PLUS

Weight : 7.5Kg (approx)
 Dimension : 410mm(L) x 355mm(W) x 155mm(H)
 Voltage : Input Supply Voltage 230V (+ / - 15%) 50Hz

APPLICATIONS :

- Microsurgery
- Laparoscopy
- Gynecology
- Urology
- Neurology
- Thoracic
- Plastic & reconstructive surgery

ALL IN ONE CAUTERY MACHINE + VESSEL SEALER CUTTER+ URO BI-TUR+BI-SEAL 150

MODEL: CROWN



SPECIFICATION

- Power: 220V±22V 50Hz±1Hz(110V±11V, 60Hz) Operating frequency: 512KHz
- Power rating: 880VA±10%

MONOPOLAR CUT

- Pure cut: 1W~300W(Load 800Ω) Blend1: 1W~250W(Load 800Ω)
- Blend2: 1W~150W(Load 800Ω)

MONOPOLAR COAG

- Contact Coag: 1W~80W(Load 800Ω) Forced Coag: 1W~120W(Load 800Ω)

BIOPOLAR

- Bipolar Coagulation: 1W~50W(Load 100Ω) Bipolar Cut: 1W~120W(Load 100Ω)

CAUTERY MACHINE CUM VESSEL SEALER CUTTER

MODEL: MONOSEAL PRIME



SPECIFICATION

- 99 User settable program mode 480khz 7segment LED 7.5Kg (approx)
- 410mm(L) x 355mm(W) x 155mm(H) Voltage: Input Supply Voltage 230V (+ / - 15%) 50Hz

FEATURES

- Automatically stops energy Delivery as soon as the seal Cycle is complete

SUITABLE FOR

- Laparoscopy, General Surgery, Endoscopy, Urology

CAUTERY BIPOLAR TURP MACHINE

MODEL: URO BITUR



FEATURES

- Ideal for under water surgeries
- User Friendly
- Portable and Tropicalised

APPLICATIONS

- Nissen Fundoplication Radical hysterectomy Radical prostatectomy
- Lap-cholecystectomy Liver resection Nephrectomy

VESSEL SEALER MACHINE

MODEL: BISEAL 150 PRIME



FEATURES

- Permanent and safe sealing Feather touch keyboard Light weight
- Wide LED display Facility of data logging Seal can bear high blood pressure
- Low maintenance cost Short operating time

	Mode	Programs	Power	Load	Operating Frequency
SEAL:	Soft	99	150 W	300 Ω	1 Mhz
	Force	99	150 W	300 Ω	1 Mhz
BIPOLAR:	Bi-coag	99	120 W	300 Ω	1 Mhz
	Bi-cul	99	120 W	300 Ω	1 Mhz

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Co2 INSUFFLATOR 30LTR. ADVANCE WITH AIR MODE



SPECIFICATION

- Air Mode, Co2 Warmer, Regulator inbuilt, German Kit
- Gas : CO2 (medical) m CO2 gas supply systems : Info. 7/16"
- Insufflation pressure min to max : 4 - 30 mm h (to an accuracy of 1 mm Hg)
- Flow rate min to max : 1 to 30 liters /min (model - c02 -2000) : 1 to 30 liters/min (model - lc02 - 3000)
- Type of power supply : 230 vac + 15% @ 50 - 60 Hz
- Display : 7 segment 16 x 2 LCD
- Dimension : 260 (l) mm x 290 (w) mm x 105 (h) mm
- Weight : Approx. 2.5 kg

COLD LED LIGHT SOURCE

MODEL: KM120



SPECIFICATION

- LED cool light ○ Bright white and powerful light
- Super long life > 60,000 hrs ○ Energy efficient
- Maintenance free
- Homogeneous lighting
- Compact design
- 120W
- Visible light only
- Perfect color temperature 5000k to 6500k, color rendering is over 70
- Does not emit light in UV or IR.

FIBER OPTIC GUIDE CABLE



FEATURES

- Length: 2.3 Meter (7.5 Feet)
- Diameter: 4.5 Mm
- Compatible: Karl Storz
- Autoclavable: Yes

LAPAROSCOPIC TROLLEY



LAPAROSCOPIC TROLLEY

- Size : w 22" x d 22" x H 52" inch
- Adjustable 5 shelves
- Mounted on 125 mm dia
- Heavy duty custom with brakes
- Six point electrical board with socket & switch
- Co2 cylinder cage
- Available in stainless steel/powder coated

SCOPES

RIGID TELESCOPE

SCOPES

RIGID TELESCOPE

SINOSCOPE / ARTHROSCOPE

Diameter: 4MM & 2.9mm
Deree: 0°, 30°, 45°, & 70°
Lenght : 175mm, 110mm & 60mm
Quality : Full HD, Autoclavable & Wide Angle



LAPAROSCOPE

Diameter: 5MM & 10mm
Deree: 0°, & 30°
Lenght : 300mm
Quality : Imported, Full HD, Autoclavable & Wide Angle



SINGLE PUNCTURE LAPAROSCOPE

Diameter: 10mm
Deree: 0°
Lenght : 300mm
Quality : Imported, Full HD, & Autoclavable



LARYNGOSCOPE

Diameter: 6mm & 8mm
Deree: 90° & 70°
Lenght : 300mm
Quality : Imported, Full HD, & Autoclavable



HYSTERO/CYSTOSCOPE

Diameter: 2.9mm, & 4mm
Deree: 0° & 30°
Lenght : 300mm
Quality : Imported, Full HD, & Autoclavable



DEPARTMENT OF GYNECOLOGY

HYSTEROSCOPY SET (TLH)

Diameter: 2.9MM & 4mm
Hysteroscopy Operative Sheath
Diagnostic Sheath
Semi Rigid Biopsy forceps (5 fr.)
Flexible Alligator forceps (5 fr.)
Flexible Scissors



MORCELLATOR DRIVE

Electronic controlled morcellator
Retractable cutter blade to ensure high degree of operation safety
Riskless intra abdominal morcellation of tissue

TECHNICAL DATA	
Motor Speed	0-1000 RPM Variable
Rotation	Reverse and forward
Power Supply	100 - 240 Ac
Frequency	50 Hz
Dimention (W x H x D)	255 x 80 x 210
Weight of Hand Unit	900 gm

ACCESSORIES	
Reverse Forward Foot-Switch cable	
Interfacing Cable ADMU to Motor	
Mains Cable	
Motor with hand piece	
Cutter 14 mm & 17 mm	
Outer Sheath 17 mm	
Morcellator Unite	



SUCTION IRRIGATION PUMP

MODEL : UMP-1000

UMP-1000 is an interdisciplinary pump for the administration or suction of fluids during surgical and diagnostic procedures. It is known with various names in industry as Irrigation & Suction pump, Laparoscopy Pump, Hysteroscopy Pump, Saline Pump etc.

Dimensions: 310 x 120 x 330
Weight: 7 Kg
Control : Touch screen
Electrical : Primary: 100-240 VAC , 50/60 Hz, Power Rating 150 VA ,
Fuses : Two



DEPARTMENT OF UROLOGY

CYSTOSCOPIC SET

Diameter: 2.9MM & 4mm
Cystoscopic sheath (15.5 fr. to 25 fr.)
Single/Double channel Bridge
Flexible Biopsy forceps (7 fr.)
Flexible Alligator forceps (7 fr.)
Flexible Scissors (5fr.)



RESECTOSCOPIC/TURP SET

Diameter: 2.9MM & 4mm channel
Type: Active & Passive/ Single and Double Stem
Connection Type: Monopolar/Bipolar
Item: 1. Working Element, 2. Inner & Outer Sheath,
3. Elick Evacuator, 4. H.F. Cable, 5. Cutting Loop,
6. Kolins knife, 7. Roller Ball, 8. Cold Knife.



URETHROTOMY SHEATH

Size: 21fr. (With Half Round Sheath)



MORE AVAILABLE ITEMS

OTIS URETHROTOMY

DIGITAL PNEUMATIC LITHOTRIPTER SET

DOUBLE 'J' STENT (DJ STENTS)

URETHRAL CATHETER

DORMIA BASKET

PCNL CATHETER SET

GUIDE WIRE

ELECTRODES (MONOPOLAR/BIPOLAR)

URS FORCEPS (BIPROING/TRIPROING/ALLIGATOR)

PCNL FORCEPS (BIPROING/TRIPROING/ALLIGATOR)

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