

The logo for NovaProbe features the word "NovaProbe" in a bold, sans-serif font. "Nova" is in a dark blue color, and "Probe" is in a lighter blue. A registered trademark symbol (®) is located to the upper right of the word. A stylized orange and yellow starburst graphic is positioned above the letter 'a' in "Nova".

NovaProbe[®]

A Trusted Name In The Medical Device Industry



About the company

NovaProbe Inc. is a US manufacturing company that manufactures a range of medical products such as UHD 4k and full HD Camera systems, LED light sources, XENON light sources, Insufflators and Instruments used in Endoscopic surgery.

The products are marketed and sold directly to surgeons and hospitals through **NovaProbe** appointed distributors. The company markets its products internationally in Europe, Asia Pacific, Africa, Latin America, and the Middle East.

NovaProbe strives to provide its customers competitive prices with fast and accurate service. We are based in Pennsylvania, USA and our main focus is to deliver **High Quality Affordable Care.**



NovaProbe[®]

NovaProbe[®]

**Empowering Healthcare
Providers to Deliver High
Quality, Affordable Care**



WHERE INNOVATION MEETS AFFORDABLE CARE

HAC SYSTEM



MADE IN USA



HIGH QUALITY AFFORDABLE CARE

UHDCAM 4K CAMERA SYSTEM

NovaProbe UHDCAM 4K Camera system consists of a 4K CMOS camera board that can capture & stream Ultra HD and 4K videos at upto 30 fps in compressed MJPEG format. UHD system has a 4K camera assembly that is waterproof with an optical lens that can be adjusted upto 28mm focal length with c-mount interface. The camera system is connected to a rigid scope along with the NovaProbe designed **LED LEUKOS 175** or **XENON LEUKOS 10300** light source to perform endoscopic surgery. The camera interface uses the custom proprietary software for the **Novaprobe UHD 4K system**, that can control the camera parameters such as Brightness, Sharpness, Contrast, White Balance and Saturation.

NovaProbe UHDCAM 4K Camera system's custom software design has a patient information module that captures patient data, integrating it with the images and video recording for the minimally invasive endoscopic surgery.

World's First fully embedded touch enabled UHDCAM 4K Endoscopic Camera System



NovaProbe UHDCAM 4K

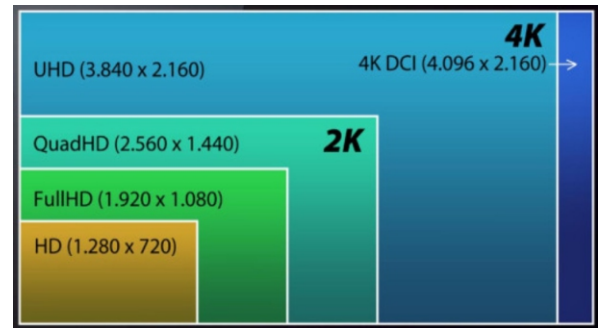


HIGH QUALITY AFFORDABLE CARE

UHDCAM 4K CAMERA SYSTEM

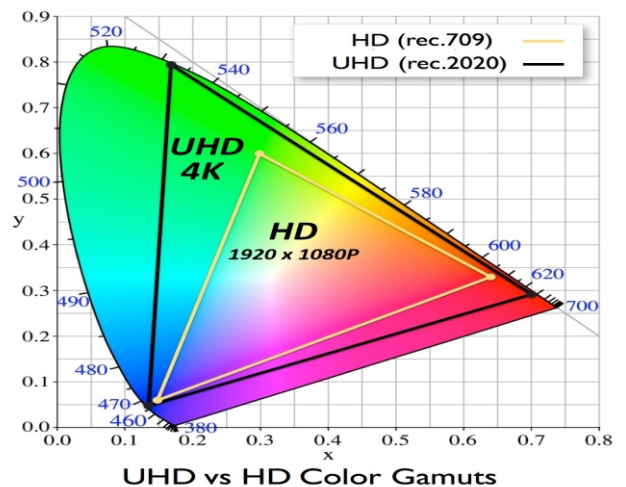
Ultra High Definition

- Provides more precise and safe surgery with improved visibility
- NovaProbe UHDCAM 4k supports resolutions at
 - UHD 4K (3840 × 2160)
 - Full 4K (4096 × 2160)
- Provides four times more clarification than conventional Full HD imaging systems



Full Color Gamut

- The NovaProbe UHDCAM 4k generates a full color gamut by adopting the 4K color format
- This provides suitable colors for each clinical discipline
- better visualization and easier determination of tissue boundaries



Optically Magnified Visualization

- The 4K optical zoom adapter provides better visibility and operability with a large screen as compared to other 4k systems providing electronic zoom.

CMOS Camera Head

- Full 4k with pre-programmed parameters
- Better sensitivity than other conventional CMOS sensors
- D-noise reduction

XENON LEUKOS 10300

The **NovaProbe Xenon Leukos 10300** is a 300W light source specifically designed to provide the light Intensity required for Endoscopic procedures. The XENON light provides the color temp of 6500 deg K also known as white light. The white light offers unmatched quality for the single chip, three chip and HD cameras that can be controlled digitally.



Input Voltage	110-240V 50-60 HZ
Power	300 watts
Bulb Type	Xenon
Bulb Life	> 500 hrs
Color temperature	6500 deg K
Noise Level	< 55 dB
Working temperature	< 60 deg C / 140 deg F
Continuous Working Time	> 5 hours

LED LEUKOS 175

The **NovaProbe LED Leukos 175** light source is specifically designed to provide the cold light intensity required for Endoscopic procedures. The LED light provides the color temp of 6500 deg K also known as white light. The white light offers unmatched quality for the single chip, three chip and HD cameras that can be controlled digitally.

Input Voltage	110-240V 50-60 HZ
Power	175 watts
Bulb Type	LED
Bulb Life	~ 40000 hrs
Color temperature	6500 deg K
Noise Level	< 55 dB
Working temperature	< 60 deg C / 140 deg F
Continuous Working Time	> 5 hours



1080P HD CAMERA SYSTEM HDCAM 1750

NovaProbe HD Camera System HDCAM 1750 offers clear bright image designed to enhance their outcomes. Utilized by surgeons around the globe NovaProbe Video System provide the high quality at an affordable price.

NovaProbe HD Camera System HDCAM 1750 is a touch enabled embedded camera powered by a full HD CMOS chip. The video resolution of camera system is at 1920 x 1080p /60 fps. The user is able to adjust the white balance, saturation, gain for better image clarity, sharpness, brightness and capture images and record video during surgery. The camera system has HDMI and USB 3.0 output. The Surgeon is able to record live HD video and capture HD images using USB media.



Chip Type	CMOS
Resolution	1920 x 1080P
Aspect Ratio	16:9
Scanning	Progressive
Video Capture	via USB - Video Recording at 30 FPS
Output	HDMI, USB 3.0
Software	NovaProbe Image Processing Software for PC
Recording Control	Control Panel, Camera Head or Foot Switch
Optical Zoom	18-24 mm

40L Co₂ Insufflator 10040

NovaProbe Insufflator provides high performance with enhanced safety and reliability. This NovaProbe Insufflator is designed to handle the needs of today's dynamic surgical environment.



The **NovaProbe Insufflator** offers real time pressure sensing for increased accuracy during a procedure. It has the ability to maintain pneumoperitoneum under the most extreme conditions at 20L, 30L and 40L of gas flow. This control allows increased ease of use during different types of non-invasive surgeries.

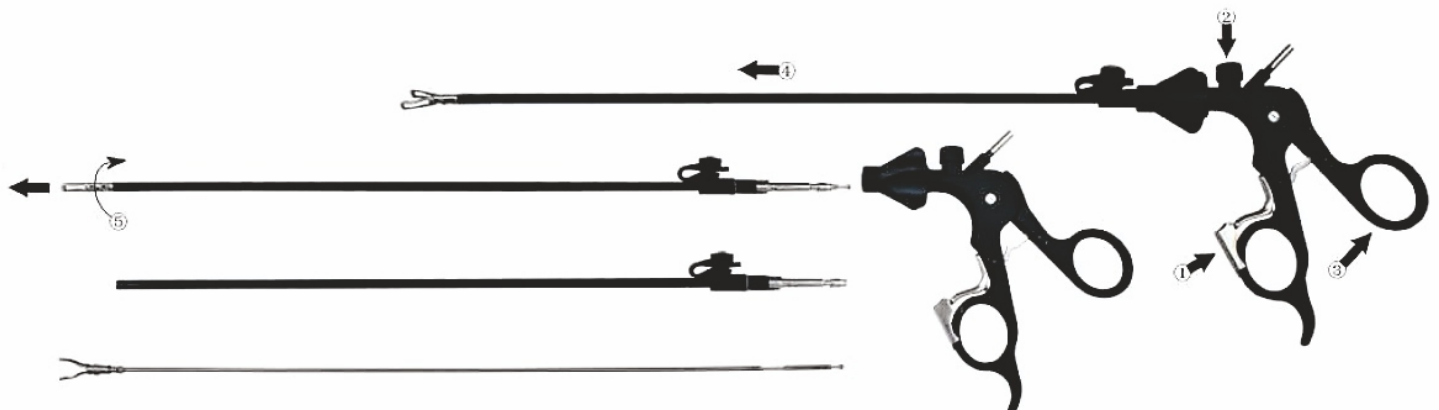
Input Voltage	110-240V 50-60 HZ
Power	35 watts
Current	0.6 A max
Gas Flow	20/30/40 L/min
Gas Flow Accuracy	± 10%
Insufflation Pressure	5-30mm Hg
Pressure Indicator Accuracy	± 3%
Working Temperature	< 60 deg C / 140 deg F

INSTRUMENT HANDLES




Regular Handle for Grasping & Dissecting - HD001









Ratchet Handle for Grasping & Dissecting - HD002













VERESS NEEDLE

<p>NPVR001</p> 	<p>Φ2.2 X 110mm</p>
<p>NPVR002</p> 	<p>Φ2.2 X 120mm</p>
<p>NPVR003</p> 	<p>Φ2.2 X 150mm</p>












TROCAR & CANNULA

<p>NPTR001</p>  <p>Φ10.5 X 95mm (Magnetic type) with Autoshield, Pyramidal Tip</p>	<p>NPTR002</p>  <p>Φ5.5 X 95mm (Magnetic type) with Autoshield, Pyramidal Tip</p>
<p>NPTR003</p>  <p>Φ12.5 X 95mm (Magnetic type) with Autoshield, Pyramidal Tip</p>	<p>NPTR004</p>  <p>Φ5.5 X 95mm (Flap type) with Autoshield, Safety</p>
<p>NPTR005</p>  <p>Φ10.5 X 95mm (Flap type) with Autoshield, Safety</p>	<p>NPTR006</p>  <p>Φ5.5 X 95mm (Magnetic type) with Autoshield, Safety</p>

TROCAR & CANNULA

<p>NPTR007</p>  <p>Φ10.5 X 95mm (Magnetic type) with Autosield, Safety</p>	<p>NPTR008</p>  <p>Φ5.5 X 95mm (Silicon sealing), Safety</p>
<p>NPTR009</p>  <p>Φ10.5 X 95mm (Silicon sealing), Safety</p>	<p>NPTR010</p>  <p>Φ12.5 X 95mm (Silicon sealing), Safety</p>
<p>NPTR011</p>  <p>Φ12.5 X 95mm (Flap type) with Autosield, Safety</p>	<p>NPTR012</p>  <p>Φ12.5 X 95mm (Magnetic type) with Autosield, Safety</p>
<p>NPTP001</p>  <p>A - Threaded B - Autosield Safety C - Pyramidal</p> <p>Trocar Tips</p> <p>A12 A10 A05 B12 B10 B05 C12 C10 C05</p>	<p>NPTP002</p>  <p>Φ5.5mm (Thoracoscopic Trocar)</p>
<p>NPTP003</p>  <p>Φ10.5mm (Thoracoscopic Trocar)</p>	<p>NPTP004</p>  <p>Φ12.5mm (Thoracoscopic Trocar)</p>

SCISSORS, GRASPERS & FORCEPS - 5mm

 NPSC001	METZENBAUM CURVED SCISSOR 5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath	 NPSC002	HOOK SCISSOR 5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath
 NPSC003	STRAIGHT SCISSOR 5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath	 NPSC004	STRAIGHT SCISSOR 5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath
 NPSC005	CURVED SCISSOR 5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath	 NPSC006	MICRO-CURVED SCISSOR 5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath
 NPSC007	UPWARD SCISSOR 5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath	 NPGF001	OVIDUCT FORCEPS 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath
 NPGF002	14mm MARYLAND FORCEPS 5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath	 NPGF003	RIGHT ANGLE 90° DISSECTING FORCEP - MIXTER 5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath
 NPGF004	DOLPHIN NOSE GRASPER 5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath		

GRASPERS & FORCEPS - 5mm

 <p>NPGF006</p>	<p>BULLET NOSE FORCEPS 5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath</p>	 <p>NPGF007</p>	<p>ALLIGATOR TRAUMATIC FORCEPS 5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath</p>
 <p>NPGF008</p>	<p>CLAW FORCEPS 5mm OD, 33cm shaft, single action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF009</p>	<p>ATRAUMATIC GRASPER 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>
 <p>NPGF010</p>	<p>BABCOCK GRASPER 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF011</p>	<p>SHARP CUPPED BIOPSY FORCEPS 5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath</p>
 <p>NPGF012</p>	<p>INTESTINAL LONG JAW - DEBAKEY GRASPER 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF013</p>	<p>UNIVERSAL - MAXI GRASPER 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>
 <p>NPGF017</p>	<p>NON-TOOTH GRASPER 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF018</p>	<p>CROCE/OLMI FORCEP, CURVED 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>
 <p>NPGF019</p>	<p>COBRA FORCEPS, 2+4 TEETH 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>		

GRASPERS & FORCEPS - 5mm



NPGF020

STRAIGHT GRASPER

5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath



NPGF021

17mm MARYLAND FORCEPS

5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath



NPGF022

12mm MARYLAND FORCEPS

5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath



NPGF023

18mm MARYLAND FORCEPS

5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath



NPGF024

20mm MARYLAND FORCEPS

5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath



NPGF025

25mm MARYLAND FORCEPS

5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath



NPGF026

16mm MARYLAND FORCEPS

5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath



NPGF027

45° MARYLAND FORCEPS

5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath



NPGF028

REVERSE TEETH FORCEPS

5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath



NPGF029

CUPPED BIOPSY FORCEPS

5mm OD, 33cm shaft, single action jaws, non-ratchet handle, w/flush port, insulated sheath



NPGF030

BOWEL FORCEPS

5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath















NPGF031













GRASPER, 2+3 TEETH

5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath









GRASPERS & FORCEPS - 5mm

 <p>NPGF032</p>	<p>GRASPER, 1+2 TEETH 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF033</p>	<p>BITE & CUT GRASPER 5mm OD, 33cm shaft, single action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>
 <p>NPGF034</p>	<p>FALLOPIAN TUBE GRASPER 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF035</p>	<p>MUCOUS MEMBRANE FENESTRATED FORCEPS 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>
 <p>NPGF036</p>	<p>MUCOUS MEMBRANE FORCEPS 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF037</p>	<p>HOLLOW ERECT GRASPER 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>
 <p>NPGF038</p>	<p>HOLLOW ERECT GRASPER, LONG TIP 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF039</p>	<p>GRAPER, HARSH TEETH 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>
 <p>NPGF040</p>	<p>APPENDIX GRASPER 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF041</p>	<p>ATRAUMATIC FORCEPS 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>
 <p>NPGF042</p>	<p>FENESTRATED GRASPER 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF043</p>	<p>FENESTRATED GRASPER LONG TIP, 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>















GRASPERS & FORCEPS - 5mm

 <p>NPGF044</p>	<p>ENDO CLINCH FENESTRATED GRASPER 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF045</p>	<p>ORGAN-ANCHORING GRASPER 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>
 <p>NPGF046</p>	<p>CHOLECYSTIC FORCEPS 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF047</p>	<p>ATRAUMATIC FORCEPS 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>
 <p>NPGF048</p>	<p>ATRAUMATIC FORCEPS 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF049</p>	<p>STOMACH FORCEPS 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>
 <p>NPGF050</p>	<p>DUCK-JAW GRASPER 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF051</p>	<p>DUCK-JAW GRASPER SHORT 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>
 <p>NPGF052</p>	<p>REVERSE-TEETH FORCEPS 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF053</p>	<p>GRASPER, V SHAPED JAW 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>
 <p>NPGF054</p>	<p>ALLIS GRASPER 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF055</p>	<p>GRASPER, V SHAPED JAW 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>


GRASPERS & FORCEPS - 5mm

 <p>NPGF056</p>	<p>ALLIS GRASPER, LONG TIP 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF057</p>	<p>MUCOUS MEMBRANE FORCEPS 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>
 <p>NPGF058</p>	<p>KNOT FORCEPS, B SHAPED 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF059</p>	<p>KNOT FORCEPS, S SHAPED 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>
 <p>NPGF060</p>	<p>GRASPER, O SHAPED 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF061</p>	<p>URETERAL GRASPER 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>
 <p>NPGF062</p>	<p>RETRACTOR FORCEPS 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>	 <p>NPGF063</p>	<p>DEBAKEY FENESTRATED GRASPER 5mm OD, 33cm shaft, double action jaws, ratchet handle w/rotation lock, w/flush port, insulated sheath</p>


GRASPERS & FORCEPS - 10mm

 <p>NPGF101</p>	<p>CUPPED BIOPSY FORCEPS 10mm OD, 33cm shaft, single action jaws, non ratchet handle, w/flush port, insulated sheath</p>	 <p>NPGF102</p>	<p>CLAW FORCEPS 10mm OD, 33cm shaft, single action jaws, non ratchet handle, w/flush port, insulated sheath</p>
 <p>NPGF103</p>	<p>STRAIGHT SCISSOR FORCEPS 10mm OD, 33cm shaft, single action jaws, non ratchet handle, w/flush port, insulated sheath</p>	 <p>NPGF104</p>	<p>CURVED SCISSOR FORCEPS 10mm OD, 33cm shaft, double action jaws, non ratchet handle, w/flush port, insulated sheath</p>
 <p>NPGF105</p>	<p>DISSECTING FORCEPS 10mm OD, 33cm shaft, double action jaws, non ratchet handle, w/flush port, insulated sheath</p>	 <p>NPGF106</p>	<p>MIXTER 10mm OD, 33cm shaft, double action jaws, non ratchet handle, w/flush port, insulated sheath</p>
 <p>NPGF107</p>	<p>MIXTER, LONG JAW 10mm OD, 33cm shaft, double action jaws, non ratchet handle, w/flush port, insulated sheath</p>	 <p>NPGF108</p>	<p>CLAW FORCEPS 10mm OD, 33cm shaft, single action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>
 <p>NPGF110</p>	<p>BABCOCK FORCEPS 10mm OD, 33cm shaft, double action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>	 <p>NPGF111</p>	<p>DISSECTING FORCEPS 10mm OD, 33cm shaft, single action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>
 <p>NPGF112</p>	<p>ATRAUMATIC FORCEPS 10mm OD, 33cm shaft, double action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>	 <p>NPGF113</p>	<p>STOMACH GRASPER 10mm OD, 33cm shaft, double action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>
 <p>NPGF114</p>	<p>STOMACH GRASPER, ROUND CUPPED 10mm OD, 33cm shaft, double action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>	 <p>NPGF115</p>	<p>ANASTOMOTIC & TRACTIVE GRASPER 10mm OD, 33cm shaft, double action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>











GRASPERS & FORCEPS - 10mm

 <p>NPGF116</p>	<p>GUT GRASPER, BENDABLE 10mm OD, 33cm shaft, double action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>	 <p>NPGF117</p>	<p>GUT GRASPER, BENDABLE, FENESTRATED 10mm OD, 33cm shaft, double action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>
 <p>NPGF118</p>	<p>OVAL GRASPER 10mm OD, 33cm shaft, double action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>	 <p>NPGF119</p>	<p>REVERSE TEETH GRASPER 10mm OD, 33cm shaft, double action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>
 <p>NPGF120</p>	<p>WAVY BABCOCK GRASPER 10mm OD, 33cm shaft, double action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>	 <p>NPGF121</p>	<p>BABCOCK GRASPER 10mm OD, 33cm shaft, double action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>
 <p>NPGF122</p>	<p>LOBE GRASPER 10mm OD, 33cm shaft, double action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>	 <p>NPGF123</p>	<p>DISSECTOR GRASPER 10mm OD, 33cm shaft, double action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>
 <p>NPGF124</p>	<p>GRASPER, TOOTHLESS 10mm OD, 33cm shaft, double action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>	 <p>NPGF125</p>	<p>DUCK JAW GRASPER 10mm OD, 33cm shaft, double action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>
 <p>NPGF126</p>	<p>GRASPER, LONG JAW 10mm OD, 33cm shaft, double action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>	 <p>NPGF127</p>	<p>GRASPER, STRAIGHT, LONG JAW 10mm OD, 33cm shaft, double action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>
 <p>NPGF128</p>	<p>INTERDICTION VESSEL FORCEPS 10mm OD, 33cm shaft, double action jaws, ratchet handle, w/rotation lock, w/flush port, non-insulated sheath</p>		

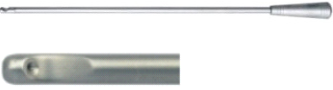




CLIP APPLICATORS

 <p>NPCA001</p>	<p>Φ10 X 330mm single action size: L</p>	 <p>NPCA001A</p>	<p>Φ10 X 330mm single action size: M</p>
 <p>NPCA001B</p>	<p>Φ10 X 330mm single action size: M/L</p>	 <p>NPCA001C</p>	<p>Φ5 X 330mm single action size: S</p>
 <p>NPCA002</p>	<p>Φ10 X 330mm right triangle size: M/L</p>	 <p>NPCA003</p>	<p>Φ10 X 330mm double action size: M/L</p>
 <p>NPCA004</p>	<p>Φ10 X 330mm match artery clip</p>		

NEEDLE HOLDERS

 <p>NPNH001</p>	<p>Φ5 X 330mm (V-shaped, straight)</p>	 <p>NPNH001A</p>	<p>Φ5 X 330mm (V-shaped, curved)</p>
 <p>NPNH001B</p>	<p>Φ5 X 330mm (V-shaped, self-righting)</p>	 <p>NPNH001C</p>	<p>Φ5 X 330mm (V-shaped, self-righting)</p>
 <p>NPNH001D</p>	<p>Φ5 X 330mm (V-shaped, self-righting)</p>	 <p>NPNH002</p>	<p>Φ5 X 330mm (V-shaped, straight)</p>
 <p>NPNH002A</p>	<p>Φ5 X 330mm (V-shaped, curved)</p>	 <p>NPNH002B</p>	<p>Φ5 X 330mm (V-shaped, self-righting)</p>
 <p>NPNH002C</p>	<p>Φ5 X 330mm (V-shaped, self-righting)</p>	 <p>NPNH002D</p>	<p>Φ5 X 330mm (V-shaped, self-righting)</p>





KNOT PUSHERS

 <p>NPKP001</p>	<p>Φ5 X 330mm (Steel head)</p>	 <p>NPKP002</p>	<p>Φ5 X 330mm (Plastic head)</p>
 <p>NPKP003</p>	<p>Φ5 X 330mm (Crescent shaped)</p>	 <p>NPKP004</p>	<p>Φ5 X 330mm (Core pulling)</p>
 <p>NPKP005</p>	<p>Φ5 X 330mm (Slot type)</p>		





FAN RETRACTORS

 <p>NPRT001</p>	<p>Φ10 X 350mm (Five leaves)</p>	 <p>NPRT001A</p>	<p>Φ10 X 350mm (Five leaves, bendable)</p>
 <p>NPRT006</p>	<p>Φ5 X 350mm (Three leaves)</p>	 <p>NPRT007</p>	<p>Φ5 X 350mm (Five leaves)</p>
 <p>NPRT008</p>	<p>Φ5 X 350mm (Kite-shaped)</p>		

LIVER RETRACTORS

 <p>NPRT002</p>	<p>Φ5.5 x 460mm Articulating</p>  <p>NPRT003</p>
 <p>NPRT004</p>	<p>Φ5.5 x 460mm</p>  <p>NPRT005</p>





BIPOLAR DISSECTING FORCEPS

 <p>NPBP001</p>	<p>Φ5 X 330mm atraumatic type, single action</p>  <p>NPBP001A</p>
 <p>NPBP001B</p>	<p>Φ5 X 330mm maryland type, single action</p>  <p>NPBP001C</p>





MONOPOLAR & BIPOLAR CORDS

 <p>NPMC001</p>	<p>Φ8mm match OLYMPUS</p>  <p>Φ6mm ordinary connector</p> <p>NPMC002</p>
 <p>NPMC003</p>	<p>Φ6mm match HUTONG</p>  <p>Φ4 X 3000mm</p> <p>NPMC004</p>
 <p>NPBC001</p>	<p>3000mm</p>



SUCTION IRRIGATION

 <p>NPSI001</p>	<p>Φ5 X 330mm spring type</p>  <p>Φ5 X 330mm push type</p> <p>NPSI002</p>
 <p>NPSI003</p>	<p>Φ5 X 330mm push type (big valve)</p>  <p>Φ5 X 330mm push type (small valve)</p> <p>NPSI004</p>

MONOPOLAR HF ELECTRODE WITH S & I

 <p>NPSI005</p>	<p>Φ5 X 330mm (push type)</p>  <p>NPSI006</p>
 <p>NPSI007</p>	<p>Φ5 X 330mm (spring type)</p>  <p>NPSI008</p>










MONOPOLAR HF ELECTRODE

 <p>NPGF015</p>	<p>Φ5 X 330mm (L hook)</p>  <p>NPGF016</p>
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REDUCERS

 <p>NPIR001</p>	<p>Φ10.5mm - Φ5.5mm *100mm</p>  <p>NPIR002</p>
 <p>NPIR003</p>	<p>Φ10.5mm - Φ5.5mm *120mm</p>  <p>NPIR004</p>
 <p>NPIR005</p>	<p>Φ10.5mm - Φ5.5mm *150mm</p>  <p>NPIR006</p>
 <p>NPIR007</p>	<p>Φ10.5mm - Φ5.5mm *22mm</p> <p>Φ10.5-Φ5.5mm (screw tightening) for silicone sealing trocars</p>
 <p>NPIR007</p>	<p>Φ10.5mm - Φ5.5mm *170mm</p>







2.8 MM LAPAROSCOPIC INSTRUMENTS WITH NON RACHET HANDLE

	Φ2.8*280mm two partition handle		Φ2.8*280mm single-action, straight with shaft
HD006		NPGF301	
	Φ2.8*280mm double-action, curved with shaft		Φ2.8*280mm (hook scissor) with shaft
NPGF302		NPGF303	
	Φ2.8*280mm (straight) with shaft		Φ2.8*280mm Maryland (curved, 17mm) with shaft
NPGF304		NPGF305	
	Φ2.8*280mm Mixer (90°) with shaft		Φ2.8*280mm (duck-jaw grasping forceps) with shaft
NPGF306		NPGF307	
	Φ2.8*280mm (punch grasping forceps) with shaft		
NPGF308			





2.8 MM LAPAROSCOPIC INSTRUMENTS WITH RACHET HANDLE

	Φ2.8*280mm (Ratchet handle with lock) two partition		Φ2.8*280mm (Reverse-Teeth Forceps) with shaft
HD007		NPGF309	
	Φ2.8*280mm (Rat-teeth, 2+3 double action) with shaft		Φ2.8*280mm (Atraumatic Forceps) with shaft
NPGF310		NPGF311	

2.8 MM LAPAROSCOPIC INSTRUMENTS WITH RACHET HANDLE

 <p>NPGF312</p>	<p>Φ2.8*280mm (blunt tip forceps) with shaft</p>	 <p>NPGF313</p>	<p>Φ2.8*280mm (biopsy forceps) with shaft</p>
 <p>NPGF314</p>	<p>Φ2.8*280mm (fallopian tube grasping forceps) with shaft</p>	 <p>NPGF315</p>	<p>Φ2.8*280mm (vertical teeth, hollow) with shaft</p>
 <p>NPTR301</p>	<p>TROCAR CANNULA Φ3.5 X 95mm (silicon sealing)</p>	 <p>NPTR302</p>	<p>TROCAR CANNULA Φ3.5 X 60mm (silicon sealing)</p>

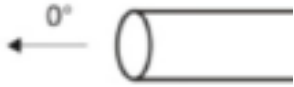
2.8 MM LAPAROSCOPIC INSTRUMENTS

 <p>NPNH301</p>	<p>Needle Holder Φ2.8 X 280mm straight jaw</p>	 <p>NPNH302</p>	<p>Needle Holder Φ2.8 X 280mm curved jaw</p>
 <p>NPSI301</p>	<p>Suction Irrigation Φ2.8X300mm (non-partition)</p>	 <p>NPGF316</p>	<p>L Hook Electrode Φ2.8 X 280mm</p>

LAPAROSCOPES 10 MM



NPEND AC1000



NPEND AC1030



LAPAROSCOPES 5 MM

NPEND AC0500



NPEND AC0530



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