

I SURGICAL OPERATING MICROSCOPE

Sl. No	Specifications	Number	Remarks
1	<p>Operating Microscope with camera and monitor system</p> <p>Maximum -intensity 75,000</p> <p>Brightness- Continuously Variable</p> <p>Filters – Built in Heat Absorbing Filter and UV, GREEN & BLUE</p> <p>Filters with Switchable Facility</p> <p>Light- Transmission By fibre Optic cable</p> <p>Light Source- Twin outlet 15V/150W Halogen Lamp Reflector</p> <p>Illumination-Standard 6 Illumination coupled with(-) 2</p> <p>Illumination for bright Red Reflex</p> <p><u>Attachments:</u></p> <p>Coaxial scopes</p> <p>X/y- coordinate arm</p> <p>Video and camera adapter</p> <p>USES(STAINING POSTS): ENT, multidisciplinary</p> <p>POWER NEEDED,VAC(ENERGY) : 220, optical 110</p> <p>Watts(GENERATOR) : 200</p> <p>FLOOR STAND</p> <p>WEIGHT kg (lb) (DISPLAY): 51(112)</p> <p>Height,cm(in) (FLOORSTAND): 147(58)</p> <p>LIGHTING: Fiberoptic-</p> <p>ILLUMINATION SOURCE : Halogen</p> <p>Back-up (FLOOR STAND) : Yes</p> <p>FILTERS Cobalt blue, green</p> <p>Filters, other (FLOORSTAND): Neutral Density</p> <p>Field diameter,mm (FLOORSTAND) 50</p> <p>MICROSCOPE CONTROLS :All manual except power for focus</p> <p>Range,mm 40</p> <p>Number of steps (MICROSCOPE): 5</p> <p>Type (CONFIGURATION): Straight or inclined 45°</p> <p>Focussing method (MICROSCOPE): Power</p> <p>Eyepiece power (MICROSCOPE): 12.5x</p> <p>Total range (MICROSCOPE): 4x,6x,10x,16x,25x</p> <p>Speed,mm/sec (MICROSCOPE): 1.5 (power)</p> <p>Focal length, mm (DIMENSIONS (HXWXD), MAIN)</p> <p>From 175 up to 400,175,200,300,400</p> <p>Interpupillary distance, mm (MICROSCOPE): 48 to 78</p> <p>Fov diameter, mm (MICROSCOPE) varies with focal length</p> <p>OTHER SPECIFICATIONS (AIR SUPPLY) : Many options ;</p> <p>Inami optics</p>	1	

1. Erasing2. erase3. Flow4. Blm5. Mye6. Blm7. Blm

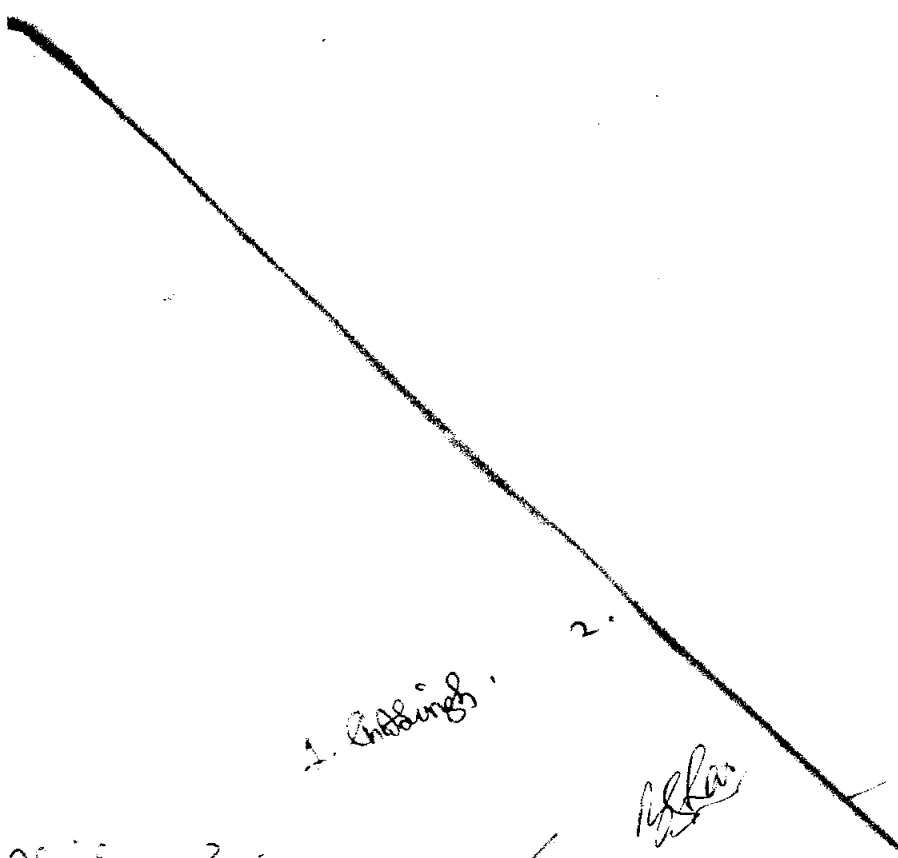
SURGICAL ELECTROCAUTERY

Sl. No	Specifications	Number	Remarks
2	<p>TECHNICAL SPECIFICATIONS (110-120 V) OUTPUT WAVEFORMS <u>BIPOLAR</u> Precise : 470 khz sinusoid Standard: 470 khz sinusoid Macro: 470 khz sinusoid <u>Monopolar cut</u> <ul style="list-style-type: none"> Low : 390 kHz sinusoid . Similar to Pure cut mode except the maximum voltage is limited to a lower value Pure : 390 kHz sinusoid Blend : 390 kHz burst of sinusoid, recurring at 27 kHz intervals. 50 % duty cycle envelope <u>Monopolar Coag</u> <ul style="list-style-type: none"> Desiccate : 240 kHz sinusoid repeated at 39 kHz 8% duty cycle Fulgurate : 390 kHz damped sinusoidal burst with a repetition frequency of 30 or 57 kHz into 500 ohms Spray : 390 kHz damped sinusoidal burst with a randomised repetition centred at 28 k Hz. Frequency includes 21 kHz < f < 35 kHz. Output is further modulated by a random 250 Hz envelope with a variable duty cycle. Output power changes by less than 15 % or 5 watts, whichever is greater as the line voltage varies from 104-132 volts and 208-264 volts (at rated load). LOW FREQUENCY LEAKAGE(50-60 Hz) Source current , patient leads , all outputs tied together. <ul style="list-style-type: none"> Normal polarity , intake chassis ground : < 10 μ A Normal polarity ground open < 50 μ A Reverse polarity , ground open < 50 μ A Sinks current 140 V applied all inputs < 50 μ A PER = 98 PER(power efficiency rating) is the measure of an electro surgical generators ability to accurately deliver the selected power into a wide range of tissue type. Weight and dimensions <ul style="list-style-type: none"> Height: 11.1 cm(4.3 / 8 inches) Width : 35.6 cm(14 inches) Length: 43.9 cm (17 inches) Weight : < 8.1 kg (< 18 lbs) Input power requirements Operating range is 85 to 132 AC Volts. maximum currents is 7 Amp in Cut and 4 amperes in Coag. High frequency leakage <ul style="list-style-type: none"> Bipolar < 60 m Amp_{rms} </p>	1	

1. Conductor. 2. sinusoidal 3. [Signature] 4. [Signature]

5. [Signature] 6. [Signature]

	<ul style="list-style-type: none"> • Monopolar < 150 mAmps <p>REMTM contact quality monitoring system:</p> <ul style="list-style-type: none"> • Measurement frequency: 80 kHz +/- 10 kHz • Measurement current <10 micro Amp • Acceptable resistance range : REMTM pad -5-135 ohms Non-REMTM pad-less than 24 ohms • Acceptable range is 5-135 ohms after REM Polyhesive II return electrode is applied. • Adaptive REMTM REMTM trip is baseline impedance plus 40%. For example if the baseline impedance is 30 ohms , the upper level trip is approximately 42 ohms .If the pad-patient impedance falls below baseline impedance a new baseline is established. <p>Meets UL and Cul specifications</p>		
--	---	--	--



1. Chasing 2.

1. Chasing 2.

S. Shyne

S. Shyne

S. Shyne

S. Shyne

S. Shyne

SUCTION APPARATUS

Sl. No	Specifications	Number	Remarks
6	<p>PRODUCT DESCRIPTION</p> <p>High performance 1/5 horse power pumps delivers 0-26mm Hg(0-660 mmHg)</p> <p>Protection: dual protection system with float shut – off in the canister lid and inline Hydrophobic Filter to prevent back flow of fluid as well as airborne contaminants from entering the pump.</p> <p>High durability: Features a protective canister bracket that holds the canister and protect the guage and adjustment knob from accidents.</p> <p>Convenient: Features a Velco™ strap that allows you to wrap the power cord for improved portability.</p> <p>Extra strength premium suction feet safety and securely attach the unit to most surfaces, preventing spillage.</p> <p>Safe: Automatic resetting thermal limit switch prevents the unit from overheating.</p> <p>SPECIFICATION</p> <p>Dimensions:</p> <ul style="list-style-type: none"> Length :13.25"(33.7 cm) Width :8" (20.3 cm) Height :9.75"(24.8 cm) Weight: 12.6 lbs (5.7 kg) Shipping weight:14.5 lbs(6.6 kg) Motor : 120 VAC , 60 Hz, 5 amps Vaccum Range :0-26in Hg Horsepower:1/5 Operating temp. range:50°F to 104°F (10 to 40° C) Storage conditions : Temp:- 4 to 104°F(-20 to 40° C) Humidity : Max 95% non condensing <p>Dimensions:</p> <ul style="list-style-type: none"> Length :13.25"(33.7 cm) Width :8" (20.3 cm) Height :9.75"(24.8 cm) Weight: 12.6 lbs (5.7 kg) Shipping weight:14.5 lbs(6.6 kg) Motor : 120 VAC , 60 Hz, 5 amps Vaccum Range :0-26in Hg Horsepower:1/5 Operating temp. range:50°F to 104°F (10 to 40° C) Storage conditions : Temp:- 4 to 104°F(-20 to 40° C) Humidity : Max 95% non condensing <p>Suction tip and rubber pipes</p> <p>- Suction handle, with cut off hole, LUER cone, length 10</p>	1	

1. Enabling 2. Smith

3. Myers

4. Law

5. [Signature]

0

	<p>cm, for use with suction tubes 204005-204025, 204305-204330</p> <ul style="list-style-type: none"> -PLESTER suction tubes, with grip plate, cut off hole and stylet, LUER, 5 Fr, Length 20 cm - PLESTER suction tubes, with grip plate, cut off hole and stylet, LUER, 7 Fr, Length 20 cm - PLESTER suction tubes, with grip plate, cut off hole and stylet, LUER, 9 Fr, Length 20 cm -Suction tube, angular, LUER-lock, outer diameter 0.7mm, working length 6cm - Suction tube, angular, LUER-lock, outer diameter 1mm, working length 6cm - Suction tube, angular, LUER-lock, outer diameter 1.3mm, working length 6cm - Suction tube, angular, LUER-lock, outer diameter 1.5mm, working length 6cm • - Suction tube, angular, LUER-lock, outer diameter 2mm, working length 6cm 			
--	--	--	--	--

1. Gardner 2. Schmidt

Bl

5. Shyde

BKao

Sh

VIDEO NYSTAGMOGRAPHY MACHINE

Sl. No	Specifications	Number	Remarks
12	<p>Technical Standards:</p> <p>Camera : IEEE 1394 FireWire</p> <p>Resolution: 640 x 480 pixels</p> <p>Images : 105 images per second binocular , 174 images per second monocular</p> <p>Safety Standards: IEC 60601-1(General Safety), IEC 60601-1-1(systemic Safety),IEC 60601-1-2(EMC)</p> <p>Physical Specifications:</p> <p>Goggle Weight:</p> <ul style="list-style-type: none"> • 240g(non- occluded view) • 320g(occluded view)with two cameras • 305g(non occluded view) • 385g(occluded view) Dispensing box with 24 pcs of disposable goggle foams pads <p>302 x216x131mm(L xWx H)</p> <p>With one camera</p> <p>Tests</p> <ul style="list-style-type: none"> • Bithermal caloric Test/ Monothermal caloric Test • Spontaneous Nystagmus Test • Positional test • Dix Hallpike Test • Gaze Test • Smooth Pursuit Test(tracking) • Saccade Test • Optokinetic Test • Sinusoidal Pendular test(only with rotary chair) • Step Rotation Test(only with rotary chair) <p>SYSTEM REQUIREMENTS:</p> <p>Hardware:</p> <ul style="list-style-type: none"> • Intel core 2 Duo processor 1.8 GHz or better • Minimum 1 GB of RAM • Laptop PC: one 34 mm PCExpressCard slot available • Desktop PC : Texas Instruments chipset PCI FireWire board <p style="padding-left: 40px;">With dual 6-pM ports</p> <ul style="list-style-type: none"> • Two USB ports available • One VGA port available • Monitor resolution 1024 x 768 or better <p>Software:</p> <ul style="list-style-type: none"> • Windows 7 (32 bit or 64 bit), Windows XP SP2 • Windows Vista Business SP1 	1	

1. Chidambaram. 2. Suresh

S. Arun

H. Leo

PS2

5/12

	<ul style="list-style-type: none"> • Windows Vista Ultimate operating system • Microsoft Net 2.0 Framework • Window Installer 3 x • Included parts : Installation CD • Combi goggle with 1 or 2 cameras • Disposables combi goggle foam pads -1 box /24 pieces • H .34 mm Fire wire PCExpress Card with power Supply • Otoaccess TM database software and Otoaccess TM Language pack 1.0 • Operation manual • VNG Quick Guide • Multi lingual CE instruction <p>Optional Parts:</p> <ul style="list-style-type: none"> • Rotary chair • Irrigator ,water or air • Additional foam for combi mask • LCD projector • Flat panel LCD TV • Stand for flat panel LCD TV • USB Foot pedal • 			
--	--	--	--	--

1. *Handwritten signature*

2. *Handwritten signature*

Handwritten signature

3. *Handwritten signature*

Handwritten signature

Handwritten signature