



OT Products Range



One Stop

Solution

For All

Hospital

Needs

OT Product

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Hydraulic Operation Table - 2A01

We, Advin, manufacturer hydraulic Operation Table with international quality standards.

Hydraulic operating table are designed to provide accurate positioning with an easy mechanical operation. These tables are ideal for use in all the major surgical process that requires precision.

The table is adjusted with the help of heavy duty leak-proof hydraulic pump concealed in stainless steel covered chamber. We offer hydraulic operating cylinders in different models based on the requirements of the clients.

Advanced Features:

- 🪄 Centric Pillars,Stainless Fitting
- 🪄 Detachable, head & led,Four Sectional
- 🪄 Base & cover made of attractive easy to clean SS
- 🪄 Sophisticated mechanics provide smooth
- 🪄 Step less articulation of the table top for precise patient positioning
- 🪄 Press paddle for height adjustment.



Use In:

- 🪄 General Surgery
- 🪄 Urology Surgery
- 🪄 Gynaecology Surgery
- 🪄 Laparoscopy Surgery

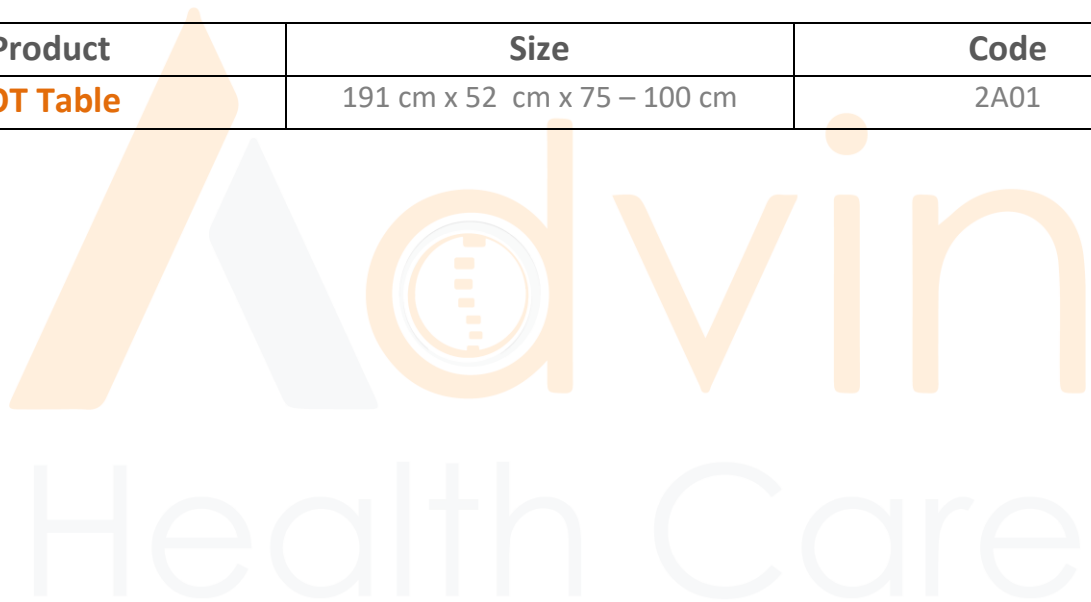


Technical Specification:

Technical Specification	
Size	191 cm L x 52 cm W x 75 cm-100cm H
Trendelenburg	25°
Re- Trendelenburg	25°
Lateral Tilt	±20°
Back Section	±60°
Head section	±60°
Leg Section	0°-90°
Floor locking system	Manual

Product Code:

Product	Size	Code
Hydraulic OT Table	191 cm x 52 cm x 75 – 100 cm	2A01



C – Arm Compatible Hydraulic Table - 2A02

Advin brands makes manufacturer C-arm Compatible Hydraulic Operation Table with international quality standards. C-arm Hydraulic operating table are designed to provide accurate positioning with an easy mechanical operation. These tables are ideal for use in all the major surgical process that requires precision.

The table is adjusted with the help of heavy duty leak-proof hydraulic pump concealed in stainless steel covered chamber. We offer hydraulic operating cylinders in different models based on the requirements of the clients.

Advanced Features:

- 👉 Four sectional radio-translucent top
- 👉 Stainless Fitting
- 👉 Detachable, head, leg & pelvic section
- 👉 Press paddle for height adjustment
- 👉 In Built kidney bridge
- 👉 Sophisticated mechanics provide smooth
- 👉 Base & cover made of attractive easy to clean SS
- 👉 Step less articulation of the table top for precise. patient positioning



Surgery for:

- 👉 General Surgery
- 👉 Urology Surgery
- 👉 Gynaecology Surgery
- 👉 Laparoscopy Surgery
- 👉 Vascular Surgery
- 👉 Cardiac Surgery
- 👉 Neurology Surgery
- 👉 Plastic Surgery



Technical Specification:

Technical Specification

Size	191 cm L x 52 cm W x 75 cm-100cm H
Trendelenburg	25°
Re - Trendelenburg	25°
Lateral Tilt	±20°
Back Section	±60°
Head section	±60°
Leg Section	0°-90°
Floor locking system	Manual

Product Code:

Product	Size	Code
C – Arm Compatible Hydrualic Table	191 cm x 52 cm x 75 cm – 100 cm	2A02

Electro - Hydraulic Operation Table - 2A03

(Semi-Electric)

Advin health care leading manufacturer of Electro-Hydraulic Operation Table with international quality standards. Also Known semi Electric Operating table.

Electro- Hydraulic operating table are designed to provide accurate positioning with an easy mechanical and Electrical operation. These tables are ideal for use in all the major surgical process that requires precision.

We offer electro - hydraulic operating table in different models based on the requirements of the clients.

Advanced Features:

- 👉 Step less articulation of the table top for precise patient positioning.
- 👉 Use remote for height adjustment
- 👉 Detachable, head, led & pelvic section
- 👉 Five section Radiolucent Top.
- 👉 Base & cover made of attractive easy to clean SS
- 👉 Sophisticated mechanics provide smooth
- 👉 In Built kidney bridge
- 👉 Electric Up-Down by cable remote.
- 👉 Center Pillar

Surgery For:

- 👉 General Surgery
- 👉 Urology Surgery
- 👉 Gynaecology Surgery
- 👉 Laparoscopy Surgery
- 👉 Vascular Surgery
- 👉 Cardiac Surgery
- 👉 Neurology Surgery
- 👉 Plastic Surgery





Technical Specification:

Technical Specification

Size	191 cm L x 52 cm W x 75 cm-100cm H
Trendelenburg & Reverse Trendelenburg	25°
Lateral Tilt	±20°
Back Section	±60°
Head section	±60°
Leg Section	0°-90°
Floor locking system	Manual
Electrical function	Height Adjustment

Product Code:

Product	Size	Code
Electro- Hydraulic Operation Table	191 cm x 52 cm x 75 – 100 cm	2A03

C-Arm Compatible Semi-Electric Operation Table - 2A04

Advin health care leading manufacturer of C-Arm Compatible Semi-Electric Operation Table with international quality standards. Also Known semi Electric Operating table.

C-Arm Compatible Semi-Electric Operating table are designed to provide accurate positioning with an easy mechanical and Electrical operation. These tables are ideal for use in all the major surgical process that requires precision. We offer C-Arm Compatible Semi-Electric operating table in different models based on the requirements of the clients.

Advanced Features:

- 🏠 Detachable, head, led & pelvic section
- 🏠 Stainless Fitting
- 🏠 Base & cover made of attractive easy to clean SS
- 🏠 Sophisticated mechanics provide smooth
- 🏠 Step less articulation of the table top for precise patient positioning
- 🏠 In Built kidney bridge
- 🏠 Electric Up-Down by cable remote
- 🏠 Eccentric pillars
- 🏠 Five sectional radio-translucent top

Surgery For:

- 🏠 General Surgery
- 🏠 Urology Surgery
- 🏠 Gynaecology Surgery
- 🏠 Laparoscopy Surgery
- 🏠 Vascular Surgery
- 🏠 Cardiac Surgery
- 🏠 Neurology Surgery
- 🏠 Plastic Surgery





Technical Specification:

Technical Specification

Size	191 cm L x 52 cm W x 75 cm-100cm H
Trendelenburg & Reverse Trendelenburg	25°
Lateral Tilt	±20°
Back Section	±60°
Head section	±60°
Leg Section	0°-90°
Floor locking system	Manual

Product Code:

Product	Size	Code
C-Arm Compatible Semi-Electric Operation Table	191 cm x 52 cm x 75 – 100 cm	2A04

Sliding Top Fully Electric Operation Table - 2A05

Advin health care Provides of Sliding Top Fully Electric Operation Table with international quality standards.

Sliding Top Fully Electric Operation Table are designed to provide accurate positioning with an easy electrical operation. These tables are ideal for use in all the major surgical process that requires precision. We offer Sliding Top Fully Electric Operation Table in different models based on the requirements of the clients.

Advanced Features:

- 🏠 Eccentric Pillars
- 🏠 Stainless Fitting
- 🏠 Detachable, head, led & pelvic section.
- 🏠 Four sectional radio-translucent top
- 🏠 Base & Cover made of attractive easy to clean stainless steel
- 🏠 Sophisticated mechanics provides smooth
- 🏠 Step less articulation of the table top for precise patient positioning.

Surgery For:

- 🏠 General Surgery
- 🏠 Urology Surgery
- 🏠 Gynaecology Surgery
- 🏠 Laparoscopy Surgery
- 🏠 Vascular Surgery
- 🏠 Cardiac Surgery
- 🏠 Neurology Surgery
- 🏠 Plastic Surgery





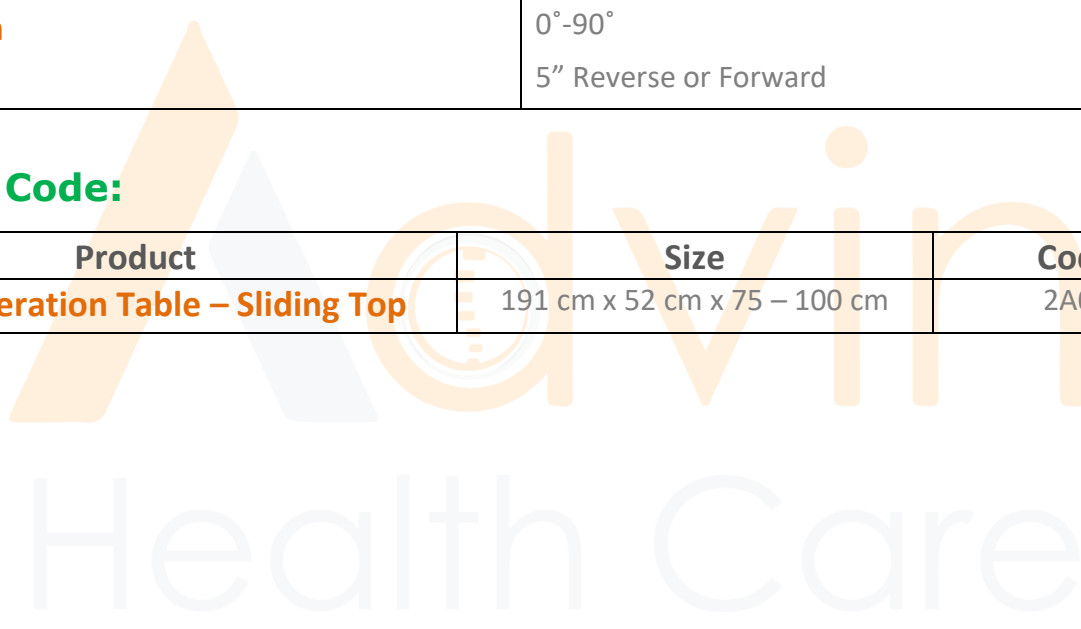
Technical Specification:

Technical Specification

Size	190 cm L x 52cm W x 75 cm-100cm H
Trendelenburg& Reverse Trendelenburg	25°
Lateral Tilt	±20°
Back Section	±60°
Head section	±60°
Leg Section	0°-90°
Top Sliding	5" Reverse or Forward

Product Code:

Product	Size	Code
Electric Operation Table – Sliding Top	191 cm x 52 cm x 75 – 100 cm	2A05



C – Arm Compatible Electric Table - 2A06

Advin brands makes manufacturer C-arm Compatible Electric Operation Table with international quality standards. C-arm Electric operating table are designed to provide accurate positioning with an easy operation. These tables are ideal for use in all the major surgical process that requires precision.

Advanced Features:

- 🏠 Eccentric Pillars
- 🏠 Stainless Fitting
- 🏠 Detachable, head, leg & Pelvic section
- 🏠 In built kidney bridge
- 🏠 Five Sectional Radio – Translucent Top
- 🏠 Base & Cover made of attractive, easy to clean Stainless Steel
- 🏠 Sophisticated mechanics provide smooth, step less articulation of the table Top for precise patient positioning
- 🏠 Standby Battery Back-up with recharging circuit

Surgery for:

- 🏠 General Surgery
- 🏠 Urology Surgery
- 🏠 Gynaecology Surgery
- 🏠 Laparoscopy Surgery
- 🏠 Vascular Surgery
- 🏠 Cardiac Surgery
- 🏠 Neurology Surgery
- 🏠 Plastic Surgery





Technical Specification:

Technical Specification	
Size	190 cm L x 52 cm W x 75 cm-100cm H
Trendelenburg	25°
Reverse Trendelenburg	25°
Lateral Tilt	±20°
Back Section	±60°
Head section	±60°
Leg Section	0°-90°
Floor locking system	Manual

Product Code:

Product	Size	Code
C – Arm Compatible Electric Table	190 cm x 52 cm x 75 cm – 100 cm	2A06

Advanced Electric Operation Table - 2A07

Advin health care Provides of Advanced Electric Operation Table with international quality standards. Advanced Electric operating table are designed to provide accurate positioning with an easy electrical operation. These tables are ideal for use in all the major surgical process that requires precision.

Advanced Features:









- 🔗 Centric Pillars
- 🔗 Stainless Fitting
- 🔗 Detachable, head, led & pelvic section
- 🔗 Sliding Top
- 🔗 Split Leg section
- 🔗 Five sectional radio-translucent top
- 🔗 Base & Cover made of attractive easy to clean stainless steel
- 🔗 Sophisticated mechanics provides smooth
- 🔗 Step less articulation of the table top for precise patient positioning.



Specification:

- 🔗 SMPS based control unit for better control voltage fluctuation
- 🔗 SMPS is zero current consumption and save power
- 🔗 Remote is ergonomically design and easy and batter Position with graphically
- 🔗 Zero Position facility for one click button will come the normal position
- 🔗 Patient revese orientation mode when head and leg section are interchanged.
- 🔗 2 memory fucion in control panel
- 🔗 Battery backup indication in 2nd handset
- 🔗 Head and foot section are manually Operated like Ratchet system
- 🔗 Stainless steel covered for easy cleaning and hygiene
- 🔗 Anti Bactarial and Anti Fungal Mattaress
- 🔗 OT table is mounted on 100 mm castors wheel also 2 castors having brakes

Surgery For:

-  General Surgery
-  Urology Surgery
-  Gynaecology Surgery
-  Laparoscopy Surgery
-  Vascular Surgery
-  Cardiac Surgery
-  Neurology Surgery
-  Plastic Surgery



Technical Specification:

Technical Specification	
Size	190 cm L x 52 cm W x 75 cm-100cm H
Trendelenburg & Reverse Trendelenburg	25°
Lateral Tilt	±20°
Back Section	±60°
Head section	±60°
Leg Section	0°-90°
Floor locking system	Central Floor Locking

Product Code:

Product	Size	Code
Advanced Electric Operation Table	190 cm x 52 cm x 75 – 100 cm	2A07

Ophthalmic Operation Table - 2A08

We, Advin Health care Provide ophthalmic Operation Table with international quality standards.

Ophthalmic operating table are designed to provide accurate positioning with an easy mechanical operation. The table is adjusted with the help of heavy duty leak-proof hydraulic pump concealed in stainless steel covered chamber. We offer hydraulic operating cylinders in different models based on the requirements of the clients.

Advanced Features:

- 🔗 Centric Pillars,Stainless Steel Fitting
- 🔗 Detachable, head & led, Four Sectional
- 🔗 Base & cover made of attractive easy to clean SS
- 🔗 Sophisticated mechanics provide smooth
- 🔗 Step less articulation of the table top for precise patient positioning
- 🔗 Press paddle for height adjustment



Technical Specification:

Technical Specification

Length	191 cm
Width	55 cm
Height Max	100 cm
Height Min	75 cm
Leg Section	0° - 90°

Product Code

Product	Size	Code
Ophthalmic OT Table	-	2A08



Gynecology Operation Table - 2A09

We, Advin Health care Offers of Gynaecology Operation Table with international quality standards.

Gynaecology operating table are designed to provide accurate positioning with an easy electrical operation. These tables are ideal for use in all the major surgical process that requires precision.

Advanced Features:

- 🔌 Functional, versatile, Flexibility and precision
- 🔌 Hygienic design, Easy cleaning, User- friendly
- 🔌 Electric Up-Down by cable remote
- 🔌 Eccentric pillars, Stainless Fitting
- 🔌 Detachable, head, led & pelvic section
- 🔌 Base & cover made of attractive easy to clean SS



Technical Specification:

Technical Specification	
Size	160 cm L x 52 cm W x 75 cm - 95 cm H
Lateral Tilt	±20°
Back Section	±60°
Floor locking system	Manual
Surgery For	Gynaecology Surgery



Product Code

Product	Size	Code
Gynaecology Operation Table	160 cm x 52 cm x 75 – 100 cm	2A09

Bariatric Table – 2A10

Advin health care Bariatric Operation table are international quality standard. Obesomatic is a specialized bariatric surgery operation table. It has a specially designed tilting buttock support attachment which can be tilted & locked at any desired position for ease of surgery.

Advanced Features

- 👉 Eccentric Pillars
- 👉 Stainless steel fitting
- 👉 Five section Radio- Translucent section
- 👉 Table is made of high quality medical stainless steel 304G
- 👉 Non- reflecting surface
- 👉 Antibacterial anti-rusted
- 👉 Weight Load capacity of 300 Kg with highest safety & stability
- 👉 Standard Overside panel control makes the control safer



Technical Specification:

General Specification

Size	1900 mm x 520 mm x 700 -1000 mm
Back Section	±60°
Trendelenburg	25°
Reverse- Trendelenburg	25°
Lateral Tilt	±20°
Head Section	60°
Leg Section	0-90°
Floor Locking system	Central Floor Locking



Product Code:

Type	Size	Code
Bariatric Table	-	2A10

Hanging Type Orthopedic Attachment - 2A11

Advin health care Provides of Hanging type Orthopedic Attachments with international quality standards. Ortho Attachment allows the table to be used for the lower extremity procedures. Available at competitive prices our ortho attachment is purely made of stainless steel which resist corrosion.

Advanced Features:

- 🏥 Orthopedic Attachment can be used with any Operating table
- 🏥 Pelvic support Plate is supported on top the frame and is formed with an asymmetrical construction.
- 🏥 Stirring instruments allows flexion /rasing of legs & stirring ball joints locked from foot end
- 🏥 Two traction devices on sliding with ball joint allowing flections & rotations of foot with traction shoe metallic sole.
- 🏥 Padded orthopedic Knee Crutches / provides supports to the legs of the patient
- 🏥 Made from Stainless Steel



Product Code:

Product	Size	Code
Hanging Type Orthopaedic Attachments		2A11

Neurology Attachment - 2A12

Advin Health care offers Neurology Attachment a supreme range of Three Pin Head Mayfield Fixtrator, which is suitable for brain surgery. This Neuro attachment has been developed & manufactured with innovative quality to meet the demanding needs of Neurosurgeons.

Advanced Features:

- 👉 The skull clamp has the additional feature of a swivelling C-Arm
- 👉 This swivelling capacity greatly facilitates positioning the pins on the head around nerves, vessels, and thin bone in the temporal region
- 👉 For better result, the arm is locked by control knob and the width is adjusted by a ratchet mechanism
- 👉 The three cone-shaped pins available in adult and child sizes are interchangeable and may be removed for sterilization



Product Code:

Product	Size	Code
Neurology Attachment	-	2A12

Orthopaedic Attachment - 2A13

Advin Health Care Provides Ortho Attachment allows the table to be used for the lower extremity procedures. Available at competitive prices our ortho attachment is purely made of stainless steel which resist corrosion.

Advanced Features:

- 👉 The Orthopedic Attachment can be used with any operating table
- 👉 In addition, a pelvic support plate is supported on top of the frame and is formed with an asymmetrical construction
- 👉 Stirring Instruments allows flexion/raising of legs & stirring/string ball joints locked from foot end
- 👉 Two traction devices on sliding spot with ball joint allowing flexions & rotations of foot with traction shoe with metallic sole
- 👉 Padded orthopedic knee crutches/provides support to the legs of the patient



Accessories:

- 👉 Tibia Nailing
- 👉 Femur Nailing
- 👉 Hip Prosthesis
- 👉 Steinmen Pin Holder
- 👉 Perineal Post for Adult & Child

Product Code:

Product	Size	Code
Orthopedic Attachment	-	2A13

Spine Atteachment - 2A14

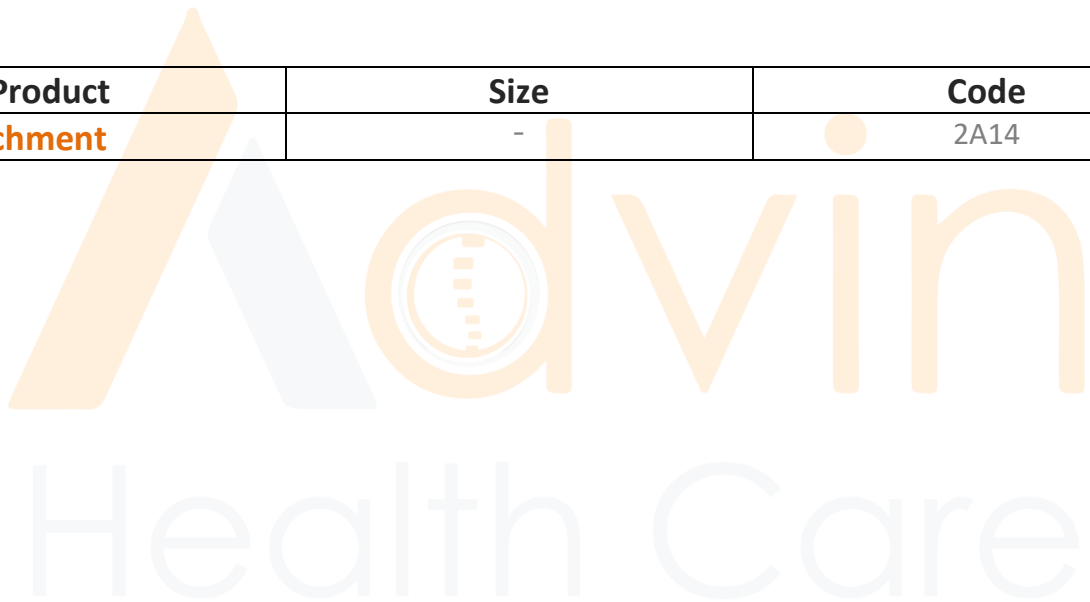
Advin Health care offers Spine Attachment which is suitable for Spine surgery. This Spine attachment has been developed & manufactured with innovative quality to meet the demanding needs of Spinesurgeons.

Advanced Features:

- 👉 Provide stable support
- 👉 High tensile strength
- 👉 Corrosion resistant



Product	Size	Code
Spine Atteachment	-	2A14



Single Dome LED OT Light - 2B01S ANOX - 84

We, Advin, Manufacturer Single Dome LED OT light with international quality standards. The operating light designed for the use in high demanding surgical procedures. State of the art LED Bulbs used to ensure low energy consumption and long service life.

Advanced Features:

- 🏠 Shadowless Light
- 🏠 Low maintenances
- 🏠 protective fire resistant ESG safety glass
- 🏠 fast disinfection process, protects UV and IR rays and improve light penetration
- 🏠 made of high quality fire resistant polymer
- 🏠 Depth of illumination



Technical Specification:

Technical Specification

Number of LED	84 LEDs
Light Intensity	1,80,000Lux.
Diameter of Light	700 mm
Spot Diameter	100-150 mm
Depth of illumination	150 mm
Color Temperature	3800-4800K
Color Rendering Index	93Ra
Focusing	Preset at 1 Meter
LED Avg. Life	> 50000 Hrs.
Fitting Options	Ceiling, Wall and Mobile Mounted
Intensity Control	10-100 Digital
Power Supply	AC-220V/50Hz
Power Consumption	100 Watt

Single Dome LED OT Light - 2B02

(Vento 84)

Advin leading Manufacturer of Single Dome LED OT light with international quality standards. The operating light designed for the use in high demanding surgical procedures. State of the art LED Bulbs used to ensure low energy consumption and long service life.

Advanced Features:

- ☺ Shadowless Light
- ☺ Low maintenances
- ☺ protective fire resistant ESG safety glass
- ☺ fast disinfection process, protects UV and IR rays and improve light penetration
- ☺ made of high quality fire resistant polymer
- ☺ Depth of illumination



Technical Specification:

Technical Specification	
Number of LED	84 LEDs
Light Intensity	1,60,000Lux.
Diameter of Light	700 mm
Spot Diameter	105-150mm
Depth of illumination	150 mm
Color Temperature	3800-4800K
Color Rendering Index	95 Ra
Focusing	Adjustable
LED Average Life	>50000Hrs
Intensity Control	10~100 Digital Capacitive Touch (Fully Remote Controlled)
Fitting Options Available	Ceiling, Mobile Stand & Wall Mounted
Power Supply	AC-220V/50Hz
Power Consumption	100 Watt

Single Dome LED OT Light - 2B03 (Vento 105)

Advin leading Manufacturer of Single Dome LED OT light with international quality standards. The operating Light designed for the use in high demanding surgical procedures. State of the art LED Bulbs used to ensure low energy consumption and long service life.

Advanced Features:

- 👉 Suitable for deep cavity surgeries
- 👉 Shadowless Light
- 👉 LCD Enabled Digital Controller With Remote
- 👉 Variable colour temperature
- 👉 Fire resistant polymer



Technical Specification:

Technical Specification	
Number of LED	105 LEDS
Light Intensity	1,80,000Lux.
Diameter of Light	700 mm
Spot Diameter	100-150mm
Depth of Light Penetration	150 mm
Color Temperature	3800-4800K
Color Rendering Index	>95
Focusing	Adjustable
LED Average Life	>50000Hrs
Intensity Control	10~100 Digital Capacitive Touch (Fully Remote Controlled)
Fitting Options Available	Ceiling, Mobile and Wall Mount
Power Supply	AC-220V/50Hz
Power Consumption	100 Watt

Product Code:

Product	Size	Code
LED OT Light – Apex 84	Single Dome	2B01S
LED OT Light – Vento 84	Single Dome	2B02S
LED OT Light – Vento 105	Single Dome	2B03S

Double LED OT Light - 2B01

ANOX – 84 + 84

We, Advin, Manufacturer Single Dome LED OT light with international quality standards. The operating light designed for the use in high demanding surgical procedures. State of the art LED Bulbs used to ensure low energy consumption and long service life.

Advanced Features:

- ☺ Shadowless Light
- ☺ Low maintenances
- ☺ protective fire resistant ESG safety glass
- ☺ Depth of illumination
- ☺ made of high quality fire resistant polymer
- ☺ fast disinfection process, protects UV and IR rays and improve light penetration



Technical Specification:

Technical Specification

Number of LED	84 + 84 LEDES
Light Intensity	1,60,000 + 1,60,000 Lux.
Diameter of Light	600 mm + 600 mm
Spot Diameter	100-150 mm
Depth of illumination	150 mm
Color Temperature	4000-500K
Color Rendering Index	93Ra
Focusing	Preset at 1 Meter
LED Avg. Life	> 50000 Hrs.
Intensity Control	10-100 Digital
Power Supply	AC-220V/50Hz
Power Consumption	200 Watt

Double Dome LED OT Light - 2B02 (Vento 84 + 84)

Advin leading Manufacturer of Single Dome LED OT light with international quality standards. The operating light designed for the use in high demanding surgical procedures. State of the art LED Bulbs used to ensure low energy consumption and long service life.

Advanced Features:

- 🏠 Shadowless Light
- 🏠 Low maintenances
- 🏠 protective fire resistant ESG safety glass
- 🏠 fast disinfection process, protects UV and IR rays and improve light penetration
- 🏠 Depth of illumination
- 🏠 made of high quality fire resistant polymer



Technical Specification:

Technical Specification	
Number of LED	84 + 84 LEDs
Light Intensity	1,40,000 + 1,40,000Lux.
Diameter of Light	600 mm + 600 mm
Spot Diameter	105-150mm
Depth of illumination	150 mm
Color Temperature	3800-4800K
Color Rendering Index	93 Ra
Focusing	Adjustable
LED Average Life	>50000Hrs
Intensity Control	10~100 Digital Capacitive Touch (Fully Remote Controlled)
Fitting Options Available	Ceiling,
Power Supply	AC-220V/50Hz
Power Consumption	200 Watt

Double Dome LED OT Light - 2B03 (Vento 105 + 105)

Advin leading Manufacturer of Single Dome LED OT light with international quality standards. The operating Light designed for the use in high demanding surgical procedures. State of the art LED Bulbs used to ensure low energy consumption and long service life.

Advanced Features:

- 👉 Suitable for deep cavity surgeries
- 👉 Shadowless Light
- 👉 LCD Enabled Digital Controller With Remote
- 👉 Variable colour temperature
- 👉 Fire resistant polymer



Technical Specification:

Technical Specification	
Number of LED	105 + 105 LEDs
Light Intensity	1,80,000 + 1,80,000 Lux.
Diameter of Light	700 mm + 700 mm
Spot Diameter	100-150mm
Depth of Light Penetration	150 mm
Color Temperature	3800-4800K
Color Rendering Index	95 Ra
Focusing	Adjustable
LED Average Life	>50000Hrs
Intensity Control	10~100 Digital Capacitive Touch (Fully Remote Controlled)
Fitting Options Available	Ceiling, Mobile and Wall Mount
Power Supply	AC-220V/50Hz
Power Consumption	200 Watt

Product Code:

Product	Size	Code
LED OT Light – Apex 84 + 84	Double Dome	2B01D
LED OT Light – Vento 84 + 84	Double Dome	2B02D
LED OT Light – Vento 105 + 105	Double Dome	2B03D

Mobile LED OT Light - 2B02

(Vento 84)

Advin leading Manufacturer of Single Dome LED OT light with international quality standards. The operating light designed for the use in high demanding surgical procedures. State of the art LED Bulbs used to ensure low energy consumption and long service life.

Advanced Features:

- 🕒 Shadowless Light
- 🕒 Low maintenances
- 🕒 protective fire resistant ESG safety glass
- 🕒 fast disinfection process, protects UV and IR rays and improve light penetration
- 🕒 made of high quality fire resistant polymer
- 🕒 Depth of illumination



Technical Specification:

Technical Specification	
Number of LED	84 LEDs
Light Intensity	1,60,000Lux.
Diameter of Light	700 mm
Spot Diameter	105-150mm
Depth of illumination	150 mm
Color Temperature	3800-4800K
Color Rendering Index	95 Ra
Focusing	Adjustable
LED Average Life	>50000Hrs
Intensity Control	10~100 Digital Capacitive Touch (Fully Remote Controlled)
Fitting Options Available	Ceiling, Mobile Stand & Wall Mounted
Power Supply	AC-220V/50Hz
Power Consumption	100 Watt

Product Code:

Product	Type	Code
LED OT Light – Vento 84	Mobile Stand	2B02M

Mobile LED OT Light - 2B03

(Vento 105)

Advin leading Manufacturer of Single Dome LED OT light with international quality standards. The operating Light designed for the use in high demanding surgical procedures. State of the art LED Bulbs used to ensure low energy consumption and long service life.

Advanced Features:

- 👉 Suitable for deep cavity surgeries
- 👉 Shadowless Light
- 👉 LCD Enabled Digital Controller With Remote
- 👉 Variable colour temperature
- 👉 Fire resistant polymer
- 👉 Fast disinfection process
- 👉 Protects UV and IR rays and improve light penetration



Technical Specification:

Technical Specification	
Number of LED	105 LEDS
Light Intensity	1,80,000Lux.
Diameter of Light	700 mm
Spot Diameter	100-150mm
Depth of Light Penetration	150 mm
Color Temperature	3800-4800K
Color Rendering Index	>95
Focusing	Adjustable
LED Average Life	>50000Hrs
Intensity Control	10~100 Digital Capacitive Touch (Fully Remote Controlled)
Fitting Options Available	Ceiling, Mobile and Wall Mount
Power Supply	AC-220V/50Hz
Power Consumption	100 Watt

Product Code:

Product	Type	Code
LED OT light–Vento 105	Mobile Stand	2B03M

Wall Mount LED OT Light - 2B01

ANOX - 84

We, Advin, Manufacturer Single Dome LED OT light with international quality standards. The operating light designed for the use in high demanding surgical procedures. State of the art LED Bulbs used to ensure low energy consumption and long service life.

Advanced Features:

- 👉 Shadowless Light
- 👉 Low maintenances
- 👉 protective fire resistant ESG safety glass
- 👉 made of high quality fire resistant polymer
- 👉 Depth of illumination
- 👉 fast disinfection process, protects UV and IR rays and improve light penetration



Technical Specification:

Technical Specification	
Number of LED	84 LEDs
Light Intensity	1,80,000Lux.
Diameter of Light	700 mm
Spot Diameter	100-150 mm
Depth of illumination	150 mm
Color Temperature	3800-4800K
Color Rendering Index	93Ra
Focusing	Preset at 1 Meter
LED Avg. Life	> 50000 Hrs.
Fitting Options	Ceiling, Wall and Mobile Mounted
Intensity Control	10-100 Digital
Power Supply	AC-220V/50Hz
Power Consumption	100 Watt

Product Code:

Product	Type	Code
LED OT Light – Apex 84	Wall Mount	2B01W

Wall Mount LED OT Light - 2B02

(Vento 84)

Advin leading Manufacturer of Single Dome LED OT light with international quality standards. The operating light designed for the use in high demanding surgical procedures. State of the art LED Bulbs used to ensure low energy consumption and long service life.

Advanced Features:

- 🕒 Shadowless Light
- 🕒 Low maintenances
- 🕒 protective fire resistant ESG safety glass
- 🕒 fast disinfection process, protects UV and IR rays and improve light penetration
- 🕒 made of high quality fire resistant polymer
- 🕒 Depth of illumination



Technical Specification:

Technical Specification	
Number of LED	84 LEDs
Light Intensity	1,60,000Lux.
Diameter of Light	700 mm
Spot Diameter	105-150mm
Depth of illumination	150 mm
Color Temperature	3800-4800K
Color Rendering Index	95 Ra
Focusing	Adjustable
LED Average Life	>50000Hrs
Intensity Control	10~100 Digital Capacitive Touch (Fully Remote Controlled)
Fitting Options Available	Ceiling, Mobile Stand & Wall Mounted
Power Supply	AC-220V/50Hz
Power Consumption	100 Watt

Product Code:

Product	Size	Code
LED OT Light – Vento 84	Wall Mount	2B02W

Wall Mount LED OT Light - 2B03 (Vento 105)

Advin leading Manufacturer of Single Dome LED OT light with international quality standards. The operating Light designed for the use in high demanding surgical procedures. State of the art LED Bulbs used to ensure low energy consumption and long service life.

Advanced Features:

- 👉 Suitable for deep cavity surgeries
- 👉 Shadowless Light
- 👉 LCD Enabled Digital Controller With Remote
- 👉 Variable colour temperature
- 👉 Fire resistant polymer
- 👉 Fast disinfection process
- 👉 Protects UV and IR rays and improve light penetration



Technical Specification:

Technical Specification	
Number of LED	105 LEDs
Light Intensity	1,80,000Lux.
Diameter of Light	700 mm
Spot Diameter	100-150mm
Depth of Light Penetration	150 mm
Color Temperature	3800-4800K
Color Rendering Index	>95
Focusing	Adjustable
LED Average Life	>50000Hrs
Intensity Control	10~100 Digital Capacitive Touch (Fully Remote Controlled)
Fitting Options Available	Ceiling, Mobile and Wall Mount
Power Supply	AC-220V/50Hz
Power Consumption	100 Watt

Product Code:

Product	Type	Code
LED OT light – Vento 105	Wall Mount	2B03W

LED Examination Light - 2B04

Advin Health care offers of LED Examination OT light with international quality standards. Examination Light are used to Minor Operation, Stitches and Examination Purpose.

Advanced Features:

- 👉 Suitable for Micro surgeries, Examination, Stiches ETC
- 👉 Scratch -less Polycarbonate Glass
- 👉 Handle For Easy Movement
- 👉 Medical grade Fiber Dome
- 👉 Long Life
- 👉 Low maintenances



Technical Specification:

Technical Specification	
Light Intensity	40,000 Lux.
Number of LED	21 LEDS
Depth Diameter	10 – 25 cm
Spot Diameter	100 - 150 mm
Color Temperature	4000K
Color Rendering Index	93 Ra
Focusing	Manual
LED Avg. Life	>50000 Hrs.
Diameter of Light	200 mm
Intensity Control	10 – 100 Digital Touch
Power Supply	AC-220V/50Hz
Power Consumption	15 Watt

Product Code:

Product	Size	Code
LED Examination Light - 21	-	2B04A

LED Examination Light - 2B04B

Advin Health care offers of LED Examination OT light with international quality standards. Examination Light are used to Minor Operation, Stitches and Examination Purpose.

Advanced Features:

- 👉 Suitable for Micro surgeries, Examination, Stiches ETC
- 👉 Scratch -less Polycarbonate Glass
- 👉 Handle For Easy Movement
- 👉 Medical grade Fiber Dome
- 👉 Long Life
- 👉 Low maintenances



Technical Specification:

Technical Specification	
Light Intensity	25,000 Lux.
Number of LED	7 LEDS
Depth Diameter	10 – 25 cm
Spot Diameter	100 - 150 mm
Color Temperature	4000K
Color Rendering Index	93 Ra
Focusing	Manual
LED Avg. Life	>50000 Hrs.
Diameter of Light	120 mm
Power Supply	AC-220V/50Hz
Power Consumption	15 Watt

Product Code:

Product	Size	Code
LED Examination Light – 7	-	2B04B

LED Examination SpotLight - 2B05

Advin Health care offers of LED Examination Spotlight with international quality standards.

Advanced Features:

- 👁️ Medical grade fiber dome
- 👁️ Super Narrow Punch Bea, Lens
- 👁️ Mobile Stand
- 👁️ Ultra portable
- 👁️ 360° Rotation
- 👁️ Compact design



Technical Specification:

Technical Specification	
Light Intensity	30,000 Lux.
Diameter of Light	100 mm
Spot Diameter	75 mm
Depth of illumination	110 cm
Color Temperature	4700K
Color Rendering Index	>90
Focusing	Fixed.
Temp. Rise at Surgeon's Head	< 1° C
Dimming Range	Fixed
Power Supply	AC-220V/50Hz
Power Consumption	3 Watt

Product Code:

Product	Size	Code
LED Examination Spot Light	-	2B05

Electrosurgical Unit - Advin Electro+—2C01

It's our immense pleasure to introduce globally most variable Ultramodern Advin Electro + (Electro Surgical Unit 400 W), Which is with lucrative feature and performance, never before available in a single Generator.

Electro Surgical Unit 400W (Advin Electro +) is a machine used for cutting and coagulation in various surgical applications, very effective and smoothly. The isolated bipolar output, which has a non-sparking characteristic, is ideal for microsurgery, Neuro Surgery, Laparoscopy and other applications.

Electro Diathermy with standard Monopolar and Bipolar outputs and other most advanced functions. Electro Surgical Unit also known as Electro Surgical diathermy machine, Electrosurgery Unit, electrocautery, electrosurgical unit, surgical cautery system, Electro Surgical Cautery Unit, Electro Diathermy Unit.

Advanced Features:

- 🔌 High Efficient Cutting and Coagulation
- 🔌 Monopolar & Bipolar output
- 🔌 Max output 400 watts
- 🔌 Body Protected and cardiac protected design.
- 🔌 Patient Plate Alarm Systems
- 🔌 Accurate Results
- 🔌 Safe and Very Effective
- 🔌 Simultaneous coagulation facility in Monopolar
- 🔌 Digital volume control and audible & visual alarm
- 🔌 99 User settable profiles stores all user preferences
- 🔌 Best spark gap generators and with minimum cutting effect
- 🔌 Single touch switch over from one mode to another mode
- 🔌 Works on Generator, Inverter & UPS



ADVIN ELECTRO+ Use in:

- 🔌 Gynaecology / Urology (TURP / TUVF) / Vaginal Hysterectomy / Gastrology / Laparoscopy
- 🔌 Orthopedic / Neurology / Spine / Arthroscopy
- 🔌 Plastic Surgery
- 🔌 Endoscopy
- 🔌 Cardiac

- 🏥 Liver Surgery
- 🏥 Bariatric Surgery / Thoracic
- 🏥 All other General Surgical procedure



General Specification:

- 🏥 Power Supply: 110 – 230 V AC, 50/60 Hz
- 🏥 Program mode: 99 User Controllable program mode
- 🏥 Frequency :480khz
- 🏥 Display: 7 Segment LED
- 🏥 Weight: 9 Kg
- 🏥 Dimension: 50 cm x 40 cm x 33 cm

Standard Accessories in SET:

- 🏥 Electrosurgical Generator (01)
- 🏥 Silicon Patient Plate with Cable (Autoclavable) (01)
- 🏥 Monopolar Double Pedal Foot Switch (01)
- 🏥 Bipolar Single Pedal Footswitch (01)
- 🏥 Set of Electrodes with Chuk Handle (01)
- 🏥 Bipolar Forcep with Cable (01)
- 🏥 Disposable Pencil (01)
- 🏥 Power Cord (01)

Technical Specification:

Monopolar Mode

Different types of Cut and Coagulation modes give accurate input during different procedures.

🏥 CUT Modes :

- **Pure Cut Mode**– Its produces a High-Frequency alternating current for smooth, rapid cut with little or no hemostasis
- **Blend 1 Mode** - This mode offers varying degrees of hemostasis to surgeon in cut mode
- **Blend 2 Mode** - The mode helps in vaporization of prostatic tissue or any fat tissue. The high wattage output offers fast cutting of tissues
- **Endocut Mode** -The automatic cut system is used for the reduction in





complication rate of endoscopic sphincterotomy (EST) and serum hyperamylasemia after EST in comparison with the conventional blended cut mode.

COAGULATION Modes:

- **Spray Mode** - The mode supports direct coagulation at tissue with spark. The CREST FACTOR is high thus not giving any cutting effect to the tissue.
- **Force Mode** - The Force mode covers the demands of standard coagulation by producing fine waveform that creates superficial resistance in the tissue resulting in superior coagulation, where the tissue destroyed by hyper evaporation. This enable surgeons for the removal of surface structures without damaging deep or peripheral tissues and to cauterize large surface areas quickly when required.
- **Fulgurate Mode** - It raises the voltage to produce a spark between electrodes for the coagulation of tissue. There is no contact between tissue and electrode.
- **Desiccate Mode** - This Coagulation in which electrode is in direct contact with the tissue is referred to as desiccation and is the type of coagulation used in most surgeries. It ensures pinpoint desiccation with less destruction of peripheral tissue

Bipolar Mode: (4 Types)

When switch to bipolar mode; all the Monopolar activities are automatically stopped to prevent uncalled burns. Bipolar provides coagulation without charring, adhesion and blanching of adjacent tissues.

-  **Micro Mode** - High Voltage force coagulation for special purpose when speed is required.
-  **Macro Mode** - For highly precise control over coagulation process and privations of carbonization.
-  **Cut Mode** - This Bipolar CUT technology nearly eliminate excessive current, even during precision cutting in minute SAFETY FEATURES tissue structure.
-  **Auto Mode** - Coagulation start by pressing the footswitch and stops output and audio signal automatically when the tissue is coagulated.

Electro Surgical Unit (400 W) Specification

CUT

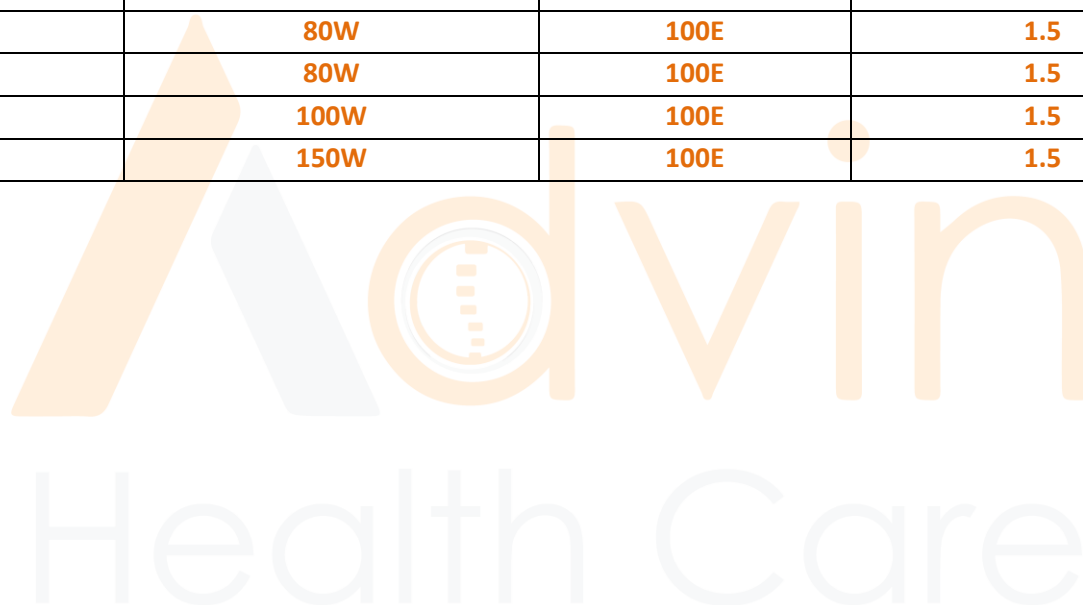
Mode	Max Power	Load	Crest Factor
Pure cut Mode	400W	300E	1.5
Blend 1 Mode	250W	300E	1.5
Blend 2 Mode	200W	300E	1.5
Endocut Mode	99%	300E	1.5

COAGULATION

Mode	Max Power	Load	Crest Factor
Spray Mode	120W	300E	7
Force Mode	120W	300E	6.5
Fulgurate Mode	150W	300E	6
Desiccate Mode	150W	300E	6

BIPOLAR MODE

Mode	Max Power	Load	Crest Factor
Micro Mode	80W	100E	1.5
Macro Mode	80W	100E	1.5
CUT Mode	100W	100E	1.5
Auto Mode	150W	100E	1.5



Bipolar Saline TURP Cautery Machine- Advin TURP + – 2C02

Bipolar Saline Plasma Resection Unit (ADVIN BI-TUR+) is an advanced unit use for Bipolar resection of Prostate (Bipolar Saline TURP) procedure.

Bipolar Saline Electrosurgical Unit provides bipolar current to remove the prostate tissue. Resection is done under saline (NaCl) by using Bipolar Loop.

High efficient Bi-TUR system, generates plasma instantly around the loop and results smooth resection.

Bipolar Saline Plazma Resection Unit also known as Bipolar Saline TURP Electrosurgical Unit, Bipolar Saline Resection of Prostate.

Advanced Features:

- 🩺 Use with Bipolar TURP loop
- 🩺 Use with Saline Water (0.9% NACL)
- 🩺 Advanced Procedure for TURP
- 🩺 Less Operative Duration
- 🩺 Less Hospitalization
- 🩺 Fast Patient Recovery
- 🩺 Can be perform on Pacemaker and Orthopedic implanted patient
- 🩺 Accurate output
- 🩺 Safe and Very Effective



ADVIN TURP+ Use in:

- 🩺 TURP (Transurethral resection of the prostate)
- 🩺 TCRE (Trans Cervical Resection of the Endometrium)
- 🩺 Hysteroscopy
- 🩺 Arthroscopic surgery

Standard Accessories in SET:

- 🩺 Bipolar Electrosurgical Generator (01)
- 🩺 Double Pedal Foot Switch (01)
- 🩺 Power Cord (01)

Technical Specification:

Bipolar Saline Plasma Resection Unit Specification			
Dimension		290mmx105mmx260mm	
Weight		4 kg	
Input supply voltage		100 – 250 V AC +15% @ 50/60hz	
BI TUR MODE			
Mode	Max Power	Load	Crest Factor
Saline CUT	300W	100E	1.5
Saline COAG	150W	100E	3



Electrosurgical Vessel Sealing System- Advin Safeseal+—2C03

ADVIN Vessel Sealing System (SAFESEAL +) is a next generation in energy based vessel sealing technology. It presents an improved and safe vessel sealing procedure in medical sector.








Advanced Features:

- 🔌 Permanent vessel occlusion
- 🔌 Equipped with all safety features like alarm system and protection from current leakage
- 🔌 99 User settable profiles stores all user preferences
- 🔌 Ideal for minimal access and open surgery
- 🔌 Vessel fusion with no foreign material
- 🔌 Seal can bear high blood pressure
- 🔌 Body and cardiac protected design
- 🔌 Feedback-controlled response system
- 🔌 Shorter surgery times & Less blood loss
- 🔌 Faster and safe recovery
- 🔌 Sealing with no sticking or charring
- 🔌 Automatically stops energy delivery as soon as the seal cycle is complete
- 🔌 The sealing process is time-saving and fields an optimum result



ADVIN SAFESEAL+ Use in:

- 🔌 Appendectomy
- 🔌 Colectomy
- 🔌 Whipple Hemorrhoidectomy
- 🔌 Lap-assisted vaginal hysterectomy (LAVH)
- 🔌 Nephrectomy
- 🔌 Nissen fundoplication
- 🔌 Radical hysterectomy
- 🔌 Radical prostatectomy
- 🔌 Splenectomy
- 🔌 Colon resection
- 🔌 Abdominal hysterectomy
- 🔌 AdrenalectomyL

-  ap-cholecystectomy
-  Liver resection
-  Cystectomy
-  Gastrectomy
-  Gastric bypass
-  Salpingo-oophorectomy
-  Vaginal hysterectomy

Standard Accessories in SET:

- Vessel Sealing System (01)
- Double Pedal Foot Switch (01)
- Power Cord (01)

Technical Specification:

Vessel Sealing System (150 W) Specification				
Dimension		290mm x 105mm x 260mm		
Weight		4 kg		
Input supply voltage		100 – 250 V AC +15% @ 50/60hz		
SEAL Specification				
Mode	Programs	Power	Load	Operating Frequency
Soft	99	150W	300 Ω	1Mhz
Force	99	150W	300 Ω	1Mhz
Bipolar Specification				
Mode	Programs	Power	Load	Operating Frequency
Bi-coag	99	120W	300 Ω	1Mhz
Bi-cut	99	120W	300 Ω	1Mhz

Irrigation Pump – 2C04

Advin Health Care Manufacturer Irrigation Pump during Endoscopic procedures. Advin Irrigation Pump use in urology Surgery, Gastrointestinal surgery, Arthroscopy Surgery & Gynaecology Surgery.

The irrigation pump is designed according to the clinical experiment and is suitable for hysteroscope and urological surgery system. The intelligent self-diagnosis function can directly connect the infusion tube of the pressure sensor to the equipment, convenient and quick.

Once the cavity pressure is greater than or equal to the preset pressure, the infusion will be stopped automatically and the patient's safety will be ensured to a greater extent.

Advanced Features:

- 🩺 Maintain inside pressure
- 🩺 Auto cut off / auto start
- 🩺 Accurate Result
- 🩺 Work on any surgical procedure
- 🩺 Compatible with any instruments
- 🩺 Light weight
- 🩺 Fast, safe and economical



SET includes:

- 🩺 Irrigation Pump – 1
- 🩺 Power Cable – 1
- 🩺 Tubing – 1
- 🩺 Bottle Connector – 1
- 🩺 Y connector - 1

Used In:

- 🩺 Urology Surgery
- 🩺 Gastrointestinal surgery
- 🩺 Arthroscopy Surgery
- 🩺 Gynaecology Surgery

Technical Specification:

Technical Specification

Power Supply	240 V AC – 50Hz
Power Consumption	100VA
Flow Rate	10 – 999 MI/Min
Pressure Range	10 – 500 mmHg
Accuracy	± 10%



Bipolar Saline With 400 W - Advin TURP+ ESU –2C05

Advin Bi TURP+ is a combination of Bipolar Saline Plasma Resection Unit combination with 400 W Cautery Machine (Advin BI TURP + Advin Electro +) is an advanced unit use for Bipolar resection of Prostate (Bipolar Saline TURP) procedure and also use in all procedures with 400 W ESU.

Bipolar Saline Electrosurgical Unit provides bipolar current to remove the prostate tissue. Resection is done under saline (NaCl) by using Bipolar Loop.

Electro Diathermy with standard Monopolar and Bipolar outputs and other most advanced functions.

Advanced Features:

- 👉 Use in Monopolar & Bipolar TURP Procedures
- 👉 Use with Saline Water (0.9% NACL)
- 👉 Advanced Procedure for TURP
- 👉 Less Operative Duration
- 👉 Less Hospitalization
- 👉 Fast Patient Recovery
- 👉 Can be perform on Pacemaker and Orthopedic implanted patient
- 👉 Accurate output
- 👉 Safe and Very Effective
- 👉 High Efficient Cutting and Coagulation
- 👉 Max output 400 watts
- 👉 Body Protected and cardiac protected design.
- 👉 Patient Plate Alarm Systems.
- 👉 Accurate Results
- 👉 Safe and Very Effective
- 👉 99 User Controllable profiles stores all user preferences
- 👉 Best spark gap generators and with minimum cutting effect
- 👉 Single touch switch over from one mode to another mode
- 👉 Works on Generator, Inverter & UPS



ADVIN BI-TURP + ESU Use in:

- 🏠 TURP (Transurethral resection of the prostate)
- 🏠 TCRE (Trans Cervical Resection of the Endometrium)
- 🏠 Hysteroscopy
- 🏠 TCRE (Trans Cervical Resection of the Endometrium)
- 🏠 Arthroscopic surgery
- 🏠 All other surgical procedure with 400 W ESU.

Standard Accessories in SET:

- 🏠 Electrosurgical Unit (01)
- 🏠 Silicon Patient Plate with Cable (Autoclavable) (01)
- 🏠 Monopolar Double Pedal Foot Switch (01)
- 🏠 Bipolar Single Pedal Footswitch (01)
- 🏠 Set of Electrodes with Chuk Handle (01)
- 🏠 Bipolar Forcep with Cable (01)
- 🏠 Disposable Pencil (01)
- 🏠 Power Cord (01)

General Specification:

- 🏠 Power Supply: 110 V / 60 Hz, 230 V /50 Hz
- 🏠 Program mode: 99 User Controllable program mode
- 🏠 Frequency :480khz
- 🏠 Display: 7 Segment LED
- 🏠 Weight: 9 Kg
- 🏠 Dimension: 50 cm x 40 cm x 33 cm

Technical Specification:

Bipolar Saline Plasma Resection Unit Specification			
BI TUR MODE			
Mode	Max Power	Load	Crest Factor
Saline CUT	250W	100E	1.5
Saline COAG	150W	100E	3

Electro Surgical Unit (400 W) Specification			
CUT			
Mode	Max Power	Load	Crest Factor
Pure cut Mode	400W	300E	1.5
Blend 1 Mode	250W	300E	1.5
Blend 2 Mode	200W	300E	1.5
Endocut Mode	99%	300E	1.5
COAGULATION			
Mode	Max Power	Load	Crest Factor
Spray Mode	120W	300E	7
Force Mode	120W	300E	6.5
Fulgurate Mode	150W	300E	6
Desiccate Mode	150W	300E	6
BIPOLAR MODE			
Mode	Max Power	Load	Crest Factor
Micro Mode	80W	100E	1.5
Macro Mode	80W	100E	1.5
Auto Mode	150W	100E	1.5

Vessel Sealing System With 400 W Cautery Machine-

Advin Electrosafe – 2C06

Advin ELECTROSAFE Model is a best use for Laparoscopic & Gynecology Surgeon. Advin ELECTROSAFE Model is a combination of Advin ELECTRO+ and Advin SAFESEAL.

This System is a next generation in energy based vessel sealing technology. It presents an improved and safe vessel sealing procedure in medical sector. This unit is combination with 400 W Electrosurgical Unit with all standard features.

Vessel Sealing System seals the vessel with body's own collagen instead of any foreign material that can cause complications.

Electro Diathermy with standard Monopolar and Bipolar outputs and other most advanced functions.

Advanced Features:

- High Efficient Cutting and Coagulation
- Monopolar & Bipolar output
- Max output 400 watts
- Body Protected and cardiac protected design.
- Patient Plate Alarm Systems
- Accurate Results
- Safe and Very Effective
- Simultaneous coagulation facility in Monopolar
- Digital volume control and audible & visual alarm
- 99 User settable profiles stores all user preferences
- Best spark gap generators and with minimum cutting effect
- Single touch switch over from one mode to another mode
- Works on Generator, Inverter & UPS



ADVIN ELECTRO+ Use in:

- Gynaecology / Urology (TURP / TUVP) / Vaginal Hysterectomy / Gastrology / Laparoscopy
- Orthopedic / Neurology / Spine / Arthroscopy




- 🩺 Plastic Surgery
- 🩺 Endoscopy
- 🩺 Cardiac
- 🩺 Liver Surgery
- 🩺 Bariatric Surgery / Thoracic
- 🩺 All other General Surgical procedure

Advin ELECTROSAFE Use in:

- 🩺 Appendectomy
- 🩺 Colectomy
- 🩺 Whipple Hemorrhoidectomy
- 🩺 Lap-assisted vaginal hysterectomy (LAVH)
- 🩺 Nephrectomy
- 🩺 Nissen fundoplication
- 🩺 Radical hysterectomy / Radical prostatectomy
- 🩺 Splenectomy
- 🩺 Colon resection
- 🩺 Abdominal hysterectomy
- 🩺 AdrenalectomyL
- 🩺 Liver resection
- 🩺 Cystectomy
- 🩺 Gastrectomy
- 🩺 Gastric bypass
- 🩺 Vaginal hysterectomy
- 🩺 All Other Surgical procedure with 400 W ESU

Standard Accessories in SET:

- 🩺 Electrosurgical Generator (01)
- 🩺 Vessel Sealer with cutter (Instrument) (01)
- 🩺 Silicon Patient Plate with Cable (Autoclavable) (01)
- 🩺 Monopolar Double Pedal Foot Switch (01)
- 🩺 Bipolar Single Pedal Footswitch (01)
- 🩺 Set of Electrodes with Chuk Handle (01)

-  Bipolar Forcep with Cable (01)
-  Disposable Pencil (01)
-  Power Cord (01)

Technical Specification:

Electro Surgical Unit (400 W) Specification			
CUT			
Mode	Max Power	Load	Crest Factor
Pure cut Mode	400W	300E	1.5
Blend 1 Mode	250W	300E	1.5
Blend 2 Mode	200W	300E	1.5
Endocut Mode	99%	300E	1.5
COAGULATION			
Mode	Max Power	Load	Crest Factor
Spray Mode	120W	300E	7
Force Mode	120W	300E	6.5
Fulgurate Mode	150W	300E	6
Desiccate Mode	150W	300E	6
BIPOLAR MODE			
Mode	Max Power	Load	Crest Factor
Micro Mode	80W	100E	1.5
Macro Mode	80W	100E	1.5
CUT Mode	100W	100E	1.5
Auto Mode	150W	100E	1.5

Vessel Sealing System (150 W) Specification				
SEAL Specification:				
Mode	Programs	Power	Load	Operating Frequency
Soft	99	150W	300 Ω	1Mhz
Force	99	150W	300 Ω	1Mhz
Bipolar Specification				
Mode	Programs	Power	Load	Operating Frequency
Bi-coag	99	120W	300 Ω	1Mhz
Bi-cut	99	120W	300 Ω	1Mhz

All In One ESU Unit (Advin Electro + BI TURP + Safeseal)-

Advin Crown –2C07

Advin Crown is a combination of Bipolar Saline Plasma Resection Unit Vessel Sealer Unit & combination with 400 W Cautery Machine (Advin BI TURP + Advin Safeseal + Advin Electro +) is an advanced unit use for Bipolar resection of Prostate (Bipolar Saline TURP) procedure and also use in all procedures with 400 W ESU.

Bipolar Saline Electrosurgical Unit provides bipolar current to remove the prostate tissue. Resection is done under saline (NaCl) by using Bipolar Loop.

This System is a next generation in energy based vessel sealing technology. It presents an improved and safe vessel sealing procedure in medical sector. Vessel Sealing System seals the vessel with body's own collagen instead of any foreign material that can cause complications.

Advanced Features:

- 👉 Use in Monopolar & Bipolar TURP Procedures
- 👉 Use with Saline Water (0.9% NaCl)
- 👉 Advanced Procedure for TURP
- 👉 Less Operative Duration
- 👉 Less Hospitalization
- 👉 Fast Patient Recovery
- 👉 Can be perform on Pacemaker and Orthopedic implanted patient
- 👉 High Efficient Cutting and Coagulation
- 👉 Max output 400 watts
- 👉 Body Protected and cardiac protected design.
- 👉 Patient Plate Alarm Systems.
- 👉 99 User Controllable profiles stores all user preferences
- 👉 Best spark gap generators and with minimum cutting effect
- 👉 Single touch switch over from one mode to another mode
- 👉 Works on Generator, Inverter & UPS
- 👉 Vessel fusion with no foreign material
- 👉 Seal can bear high blood pressure
- 👉 Feedback-controlled response system



- 👉 Shorter surgery times & Less blood loss
- 👉 Faster and safe recovery
- 👉 Sealing with no sticking or charring
- 👉 Automatically stops energy delivery as soon as the seal cycle is complete
- 👉 The sealing process is time-saving and fields an optimum result

ADVIN BI-TURP + ESU Use in:

- 👉 TURP (Transurethral resection of the prostate)
- 👉 TCRE (Trans Cervical Resection of the Endometrium)
- 👉 Hysteroscopy
- 👉 TCRE (Trans Cervical Resection of the Endometrium)
- 👉 Arthroscopic surgery
- 👉 All other surgical procedure with 400 W ESU.

ADVIN SAFESEAL+ Use in:

- 👉 Appendectomy
- 👉 Colectomy
- 👉 Whipple Hemorrhoidectomy
- 👉 Lap-assisted vaginal hysterectomy (LAVH)
- 👉 Nephrectomy
- 👉 Radical hysterectomy
- 👉 Radical prostatectomy
- 👉 Splenectomy
- 👉 Colon resection
- 👉 Liver resection
- 👉 Cystectomy

Standard Accessories in SET:

- 👉 Electrosurgical Unit (01)
- 👉 Silicon Patient Plate with Cable (Autoclavable) (01)
- 👉 Monopolar Double Pedal Foot Switch (01)
- 👉 Bipolar Single Pedal Footswitch (01)
- 👉 Set of Electrodes with Chuk Handle (01)
- 👉 Bipolar Forcep with Cable (01)

- 🔌 Disposable Pencil (01)
- 🔌 Power Cord (01)

General Specification:

- 🔌 Power Supply: 110 V / 60 Hz, 230 V /50 Hz
- 🔌 Program mode: 99 User Controllable program mode
- 🔌 Frequency :480khz
- 🔌 Display: 7 Segment LED
- 🔌 Weight: 9 Kg
- 🔌 Dimension: 50 cm x 40 cm x 33 cm

Technical Specification:

Bipolar Saline Plasma Resection Unit Specification			
BI TUR MODE			
Mode	Max Power	Load	Crest Factor
Saline CUT	250W	100E	1.5
Saline COAG	150W	100E	3

Electro Surgical Unit (400 W) Specification

CUT			
Mode	Max Power	Load	Crest Factor
Pure cut Mode	400W	300E	1.5
Blend 1 Mode	250W	300E	1.5
Blend 2 Mode	200W	300E	1.5
Endocut Mode	99%	300E	1.5
COAGULATION			
Mode	Max Power	Load	Crest Factor
Spray Mode	120W	300E	7
Force Mode	120W	300E	6.5
Fulgurate Mode	150W	300E	6
Desiccate Mode	150W	300E	6
BIPOLAR MODE			
Mode	Max Power	Load	Crest Factor
Micro Mode	80W	100E	1.5
Macro Mode	80W	100E	1.5
Auto Mode	150W	100E	1.5

Vessel Sealing System (150 W) Specification

SEAL Specification				
Mode	Programs	Power	Load	Operating Frequency
Soft	99	150W	300 Ω	1Mhz
Force	99	150W	300 Ω	1Mhz

Radio Frequency Cautery – 2C08

RF Cautery Technique of Radio Surgery involves the passage of high frequency radio waves(2mhz-Megahertz) through soft tissue to cut, coagulate, or remove the tissue.

Soft tissue resistance to these radio waves causes the cellular water in the soft tissue to heat, which produces steam, an results in cellular molecular dissolution of individual tissue cells.

The Doctor Used a hand piece with an active electrode to transmit the Radio Waves. The Radio waves are focused on the tissue by an patient plate that is positioned behind the tissue in contact with patient's skin.

Radio surgery in general practice has many advantages over conventional surgical techniques particularly dermatological, plastic and eye lid surgery, ENT, Dental, Quicker Operating time;rapid healing, less tissue damage and less post operative discomfort have been observed and its wider use in hospital practise is recommended.

Radio frequency is not be confused with electro- surgery machine spark gap circuitry unit & uses completely new technique compared with scalpal surgery & other techniques and radio energy dose the cutting very light.

A very high frequency radio wave 0.3 - 2 MHz and a ine needle or wire loop electrode which is held by the surgeon, radio energy passes between the cautery electrode and patient plate.

It is concentrated at the needle end or wire loop electrode, resulting in the release of energy, which produces steam within the cells, thus vaporizing them & dividing the tissue.

Advanced Features:

- 👉 Shock Proof
- 👉 Micro – smooth incisions
- 👉 Cutting & Fulguration is optional
- 👉 Pin point cutting capability
- 👉 Reduced Operating Times
- 👉 No – Lateral Heat
- 👉 Sparkless integrated circuit of latest technology for fast and continuous procedures
- 👉 Minimum heat with no charring resulting in least tissue damage
- 👉 Minimum blood loss & pain
- 👉 Anaesthesia is not required on the surface of the skin or in superficial procedures



Application:

- 👉 Nasal Polypectomy / Nose Bleeding / Nasal Mucosa
- 👉 Adenoidectomy
- 👉 Tonsillectomy
- 👉 Nasal Tumor
- 👉 Snoring
- 👉 Laryngeal Disorders
- 👉 Adenoidectomy
- 👉 Keloid Surgery
- 👉 Turbinate

Standard Accessories

- 👉 Monopolar Handle – 1 No.
- 👉 Patient Plate – 1 No.
- 👉 Electrodes Set – 1 No.
- 👉 Foot switch – 1 No.
- 👉 Carrying case – 1 No.
- 👉 Hand Switch – 1 No.
- 👉 Bipolar Cable – 1 No.
- 👉 Bipolar Forceps – 1 No.

Technical Specification:

General Specification

Power Supply	220V AC – 50 Hz
Power Consumption	150W
Frequency	2 Mhz
Max Output	HF Monopolar 150W on 400Ω load Fulguration 100W On 1KΩ HF Bipolar 100W on 100 Ω
Size	22 cm x 19 cm x 11 cm
Weight	3.5Kg

Advin Co₂+ Insufflator – 2C09

Advance Co₂ Insufflators (Advin Co₂+) is a new generation Insufflators which makes easy Endoscopic / Laparoscopy surgery.

Advin Co₂+ is an advanced carbon dioxide pumping system that connects to both wall and tank sources.

Advanced Features:

- 🏆 30L Insufflators Precise control of pressure/flow Parameters
- 🏆 Inbuilt gas warmer provides warm results minimizing fogging
- 🏆 Over pressure alarm & pressure release systems – help assure patient safety
- 🏆 Continuous flow provides easy procedures
- 🏆 Advance high speed microcontroller technology
- 🏆 Greater accuracy & measurement of Co₂
- 🏆 User-friendly design
- 🏆 Compact & light weight
- 🏆 Reduce Nursing attention
- 🏆 Automatic overpressure gas release
- 🏆 Less Discomfort to the patient
- 🏆 High pressure Co₂ cylinder can directly connect
- 🏆 Rapid delivery of gas
- 🏆 Electronic memory retains last set values of pressure, flow rate and volume



Standard Accessories in SET:

- 🏆 Co₂ Control Unit (01)
- 🏆 Silicon Tubing(01)
- 🏆 Backside pipe (01)
- 🏆 Power Cord (01)
- 🏆 Wrench (01)

Technical Specification:







General specification	
Power Supply	230 VAC + 15% @ 50 Hz
Dimension	260(L) mm x 290(W) mm x 105(H) mm.
Weight	Approx. 2 Kg
Technical Specification	
Gas	Medical Co ₂ Medical
Co ₂ gas supply systems	UNF 7/16"
Pressure	4 – 30 mm Hg (accuracy of 1 mm Hg)
Flow rate min to Max	1 to 30 Litres /Min - Continuous
Display	Seven segment LED display



Bipolar Coagulation Straight Forceps – 2D01

Advin Health Care provides Bipolar Coagulation Straight Forceps with International quality standards. Bipolar Coagulation Straight Forceps is suitable for all procedures from ophthalmology and plastics through to ear, nose and throat procedures.

Advanced Features

-  Enable pinpoint working
-  Excellent thermal conductivity
-  Ensures consistent optimum spring tension
-  Made hardened titanium material
-  Nylon insulation
-  Plastic safety plugs



Product Code:

Type	Size	Code
Bipolar Coagulation Straight Forceps	-	2D01

Bipolar Coagulation Curved Forceps – 2D02

Advin Health Care provides Bipolar Coagulation Curved Forceps with International quality standards. Bipolar Coagulation Curved Forceps is suitable for all procedures from ophthalmology and plastics through to ear, nose and throat procedures.

Advanced Features:

- 🩺 Enable pinpoint working
- 🩺 Excellent thermal conductivity
- 🩺 Ensures consistent optimum spring tension
- 🩺 Made hardened titanium material
- 🩺 Nylon insulation
- 🩺 Plastic safety plugs



Product Code:

Product	Size	Code
Bipolar Coagulation Curved Forceps	-	2D02

Bipolar Coagulation Bayonet Forceps–2D03

Advin Health Care provides Bipolar Coagulation Bayonet Forceps with International quality standards. Bipolar Coagulation Bayonet Forceps are designed to provide superior control, safety, and surgical efficacy at minimum output power settings.

Advanced Features:

- 🩺 Enable pinpoint working
- 🩺 Excellent thermal conductivity
- 🩺 Ensures consistent optimum spring tension
- 🩺 Made hardened titanium material
- 🩺 Nylon insulation
- 🩺 Plastic safety plugs



Product Code:

Product	Size	Code
Bipolar Coagulation Bayonet Forceps	-	2D03

Electrosurgical Pencil-2D04

Advin Health Care provides Electrosurgical Pencil with International quality standards.

Advanced Features:

- 👉 Multi function design to fit different electrodes for specific surgery application
- 👉 Sealed switching component
- 👉 Use with easy & Comfort
- 👉 Ergonomic design
- 👉 Dual modes of cut and coagulation
- 👉 Sterile by EO
- 👉 170mm-ABS pencil appearance



Technical Specification:

General Specification	
Size	30 cm L X 48 cm W X 27 cm H
Material	Plastic
Weight	200 gm
Product Type	Reusable
Power	220 Watt (w)
Application	surgical cautery

Product Code:







Product	Size	Code
Electrosurgical Pencil	30 cm X 48 cm X 27 cm	2D04

Bipolar Scissor –2D05

Advin Health Care provides Bipolar Scissors with International quality standards. Bipolar scissors for open surgery enable cutting and preparing during simultaneous coagulation.

The electrical current runs between both scissor blades in a limited tissue area. The use of bipolar scissors therefore offers more safety for the patient as compared to monopolar scissors.

Advanced Features:

-  Low Maintenance
-  Optimum Quality
-  Excellent Strength
-  Superior Quality
-  Smooth current passing
-  Easy to Use



Product Code:

Product	Size	Code
Bipolar Scissor	-	2D05

Bipolar Speculum – 2D06

Advin Health Care provides Bipolar Speculum with International quality standards. The bipolar speculum adds a more intense sensation to your electro stimulation experience. Both the top and bottom 'probes' are electrical contacts. This device where the whole speculum is connected this allows the sensation to penetrate exactly.

Advanced Features:

- 👩 Nonconductive for use during electrosurgery
- 👩 Fully autoclavable and easy to care for
- 👩 Nylon coating resists abrasion and provides insulation
- 👩 Comfortable and Easy to use



Product Code:

Product	Size	Code
Bipolar Speculum	-	2D06

Electrosurgical Bipolar Cable – 2D07

Advin Health Care provides Electrosurgical Bipolar Cable with International quality standards.

Advanced Features:

- 🩺 Designed to best perfection
- 🩺 Complies with international quality
- 🩺 Made in Medical Grade Material
- 🩺 3 metre high quality flexible silicone cable
- 🩺 Easy to use and comfortable in operating
- 🩺 Autoclavable (Reusable)









Product Code:

Product	Size	Code
Electrosurgical Bipolar Cable	-	2D07

Electrosurgical Monopolar Cable – 2D08

Advin Health Care provides Electrosurgical Monopolar Cable with International quality standards. electrosurgical cables are designed to be durable and long-lasting while being easy to use and clean.

Advanced Features:

-  Easy to connect
-  Durable quality
-  Safe Use
-  Comfortable in Operating
-  Autoclavable (Reusable)
-  3-meter Silicone flexible cable



Product Code:

Product	Size	Code
Electrosurgical Monopolar Cable	-	2D08

Colonoscope Loop Electrodes – 2D09

Advin Health Care provides Colonoscope Loop Electrodes with International quality standards.

Advanced Features:

- 🩺 Autoclavable
- 🩺 Easy to use
- 🩺 Smooth passing current
- 🩺 Made for stainless steel material
- 🩺 Various Size Available



Types of Loop

- 🩺 Ball point
- 🩺 Straight Cutting knife



Product Code:

Product	Size	Code
Colonoscope Loop Electrodes	-	2D09

Monopolar Electrodes – 2D10

Advin Health Care provides Monopolar Electrodes with International quality standards. Bipolar Electrodes for precise and delicate procedures, Dermal Loop Electrodes for dermatologic procedures, as well as Arthroscopic electrodes.

Advanced Features:

- 🩺 Autoclavable
- 🩺 Easy to use
- 🩺 Smooth passing current
- 🩺 Use in dermatology procedures, Arthroscopic



Types of Loop

- 🩺 Ball point
- 🩺 Straight knife
- 🩺 Curved Knife
- 🩺 Straight Pointed Electrode

Product Code:

Product	Size	Code
Monopolar Electrodes	-	2D10

Monopolar Foot Switch – 2D11

Advin Health Care provides Monopolar Foot Switch with International quality standards. Monopolar Foot switch is using the Electrosurgery Machine. In the Monopolar Foot Switch cut & Coagulation type Foot Switch.

Advanced Features:

- 🩺 Yellow Paddle For cut & Blue paddle For Coagulation
- 🩺 Use with easy & comfort
- 🩺 Ergonomic design
- 🩺 3-meter-long cable
- 🩺 Easy to operate



Product Code:

Product	Size	Code
Monopolar Foot Switch	-	2D11

Bipolar Foot Switch – 2D12

Advin Health Care provides Bipolar Foot Switch with International quality standards. Monopolar Foot switch is using the Electrosurgery Machine. Bipolar Foot Switch is light weight and easy to operate.

Advanced Features:

- 👉 Light weight
- 👉 Use with easy & comfort
- 👉 Ergonomic design
- 👉 3-meter-long cable
- 👉 Easy to operate



Product Code:

Product	Size	Code
Monopolar Foot Switch	-	2D12

Electrosurgical Patient Plate – 2D13

Advin Health Care offers Electrosurgical Patient Plate with International quality standards. Highly conductive adhesive reducing the skin’s natural resistance. Electrosurgery is used routinely in eye surgery to cut, coagulate, dissect, fulgurate, ablate and shrink tissue.

Advanced Features:

- 👉 Durable and easy to Use
- 👉 Made Form silicone / Stainless Steel Material
- 👉 Highly Consumption Current
- 👉 conductive silicon rubber
- 👉 Easy to connect cable



Types OF Patient Plate

- 👉 Silicone Patient Plate
- 👉 Stainless Steel Patient Plate



Product Code:

Product	Type	Code
Electrosurgical Patient Plate	Stainless Steel	2D13A
Electrosurgical Patient Plate	Silicone	2D13B

Patient Plate Cable – 2D14

Advin Health Care offers Electrosurgical Patient Plate Cable with International quality standards. Patient Plate Cable also known as Patient Plate cable cord

Advanced Features:

- 🩺 Durable and easy to Use
- 🩺 Made Form silicone Material
- 🩺 3-Meter-Long cable
- 🩺 Autoclavable and Reusable
- 🩺 Easy to connect cable
- 🩺 Superior Quality



Product Code:

Product	Size	Code
Patient Plate Cable	3 meters	2D14

Advin Health Care

Disposable Patient Plate – 2D15

Advin Health Care offers Electrosurgical Patient Plate with International quality standards. Highly conductive adhesive reducing the skin's natural resistance. Electrosurgery is used routinely in eye surgery to cut, coagulate, dissect, fulgurate, ablate and shrink tissue.

Advanced Features:

- 👉 Optimum quality
- 👉 Durable working Life
- 👉 Variety contact positions to patient
- 👉 Wide contact to make patient safety
- 👉 Convenient contact for patient
- 👉 Soft contact for patient



Product Code:

Product	Type	Code
Disposable Patient Plate	-	2D15

Monopolar Universal Adaptor – 2D16

Advin Health Care offers Monopolar Universal Adaptor with International quality standards.

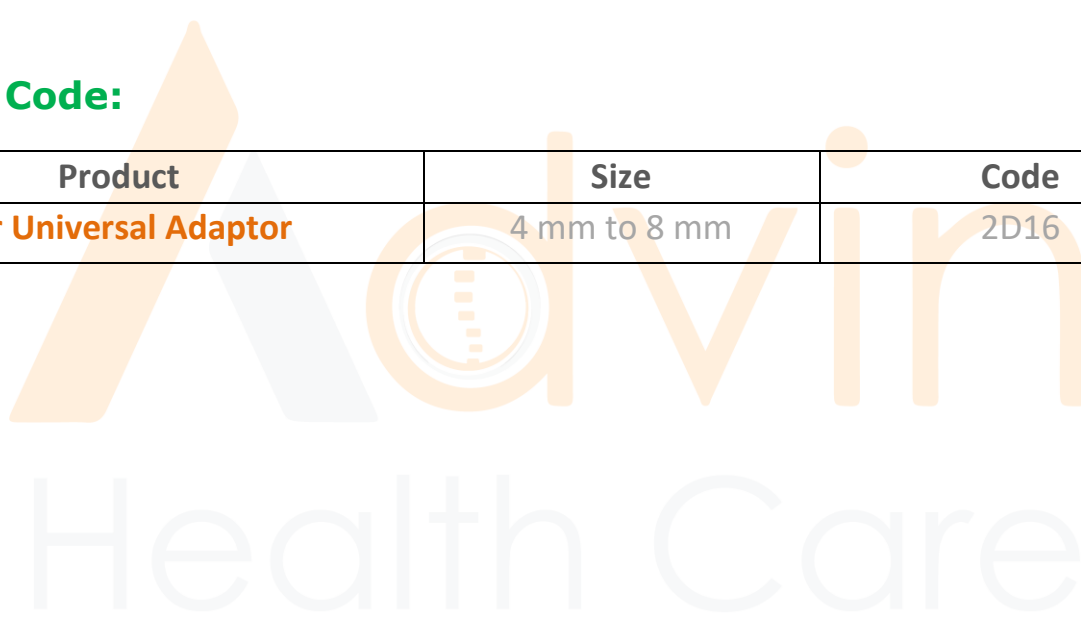
Advanced Features:

- 🩺 Durable and easy to Use
- 🩺 Easy to connect cable
- 🩺 Superior Quality
- 🩺 High quality Nylon
- 🩺 8 mm Extruded Electro Brass Material



Product Code:

Product	Size	Code
Monopolar Universal Adaptor	4 mm to 8 mm	2D16



HD Endoscopy Camera System - 2E01

ADVIN HD Endoscopy Camera System gives a best clear vision during all endoscopic procedures.

Endoscopy Camera made with international standard parameters which give accurate result during endoscopic procedure. High-definition endoscopic camera systems that are used to produce still and video images in the surgical field during surgical endoscopic procedures.

Endoscope Camera System is a powerful, 1080p high definition video endoscopy system designed to handle the demands of diagnostic and surgical applications in Urology, Laparoscopy Etc.

Advanced Features:

- 👉 High Definition Vision
- 👉 Portable Model
- 👉 Easy to use
- 👉 Auto White Balance
- 👉 Resolution 1280 x 720
- 👉 Freeze mode on the camera head
- 👉 Touch screen Model
- 👉 HDMI & DVI Port available
- 👉 Fuse Protection



Accessories:

- 👉 Endoscope camera Unit – 1 Pc
- 👉 Power Cord – 1Pc
- 👉 Optical coupler - Pc
- 👉 CMOS camera head – 1 Pc
- 👉 CVBS cable – 1 Pc
- 👉 DVI cable – 1 Pc
- 👉 Instruction Manual – 1 Pc

Technical Specification:

Technical Specification	
CVBS output	Composite video single output BNC socket,75hm, 1Vpp
HD_SDI output	HD component serial interface
Indicator	Power single indicator (down) and HD single indicator (up)
HDMI output	ITU-RBT.709 Digital RGB 24 Bit, Resolution 1280x720P
HD DVI output	HD DVI output (DVI 24+5 socket) , ITU-RBT.709 Digital RGB 24 Bit, Resolution 1280x720P
Power socket	Power cable (Notice the power supply voltage!)
Fuse holder	220V3A fuse
Earthing Road	Equipotential bonding, Ground Wire
Camera Control Unit Panel	Power Switch Menu White Balance Freeze Camera cable socket
Back element of camera control	Cooling channel CVBS output HD_SDI output Power supply and HD single lamp HDMI output HD DVI output Power socket Fuse holder Earthing rod
Camera Head	Cover Focusing Circle Camera Head White Balance Freeze Camera Cable
Power supply	230V AC - 50Hz

Product Code:

Product	Size	Code
HD Endoscopy camera system	-	2E01

Laparoscopic Video Recorder - 2E02

ADVIN Laparoscopic Video Recorder system use in Laparoscopy procedures. Video recordings are often used as teaching aids in operative surgery.

Advanced Features:

- 👤 User friendly interface
- 👤 Direct real time video to USB/DVD/Memory Card
- 👤 AV Compatible to all camera systems.
- 👤 High resolution MP4 video recording
- 👤 Upscale to full HD output of HDMI (1080p)
- 👤 Preview video on built-in 2.8" high resolution screen



Technical Specification:

Technical Specification

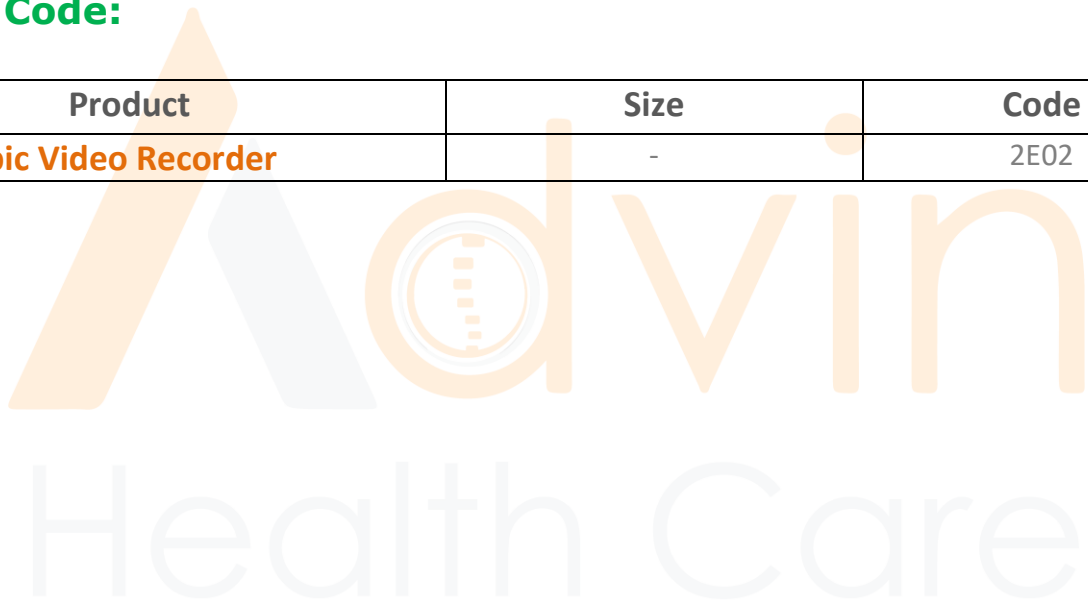
LCD Screens	2.8" LCD Color Screen
Resolution	320 x 240 pixels
CPU	Power single indicator (down) and HD single indicator (up)
RAM	1GB DDR3
NAND Flash	8GB
DVD ROM	DVD Recorder
Recordable disk	DVD+R, DVD+RW, DVD-R, DVD-RW
Memory card	SD/MMC
AV IN	Yes
HDMI Output	HDMI 1.4 Output (1080P)
Video copying	Record videos from USB, AV in and memory Card onto DVD
Preview with LCD screen	Preview photos and videos on USB/memory card/recorded discs with LCD screen

Input Connectors

Composite Video	RCA (PAL/NTSC)
Recording Format	Through Adaptor (PAL/NTSC)
Capture Output (Selectable)	MPEG-4
	To USB Drive
	To DVD
	To Memory Card
Output Display	Video quality depended on stick data rate
Video Recording Resolution	HDMI with Up-Scaling Function
	PAL: 720x576 Pixels
	NTFS: 720x480 Pixels
Size	155x155x47mm
Weight	350 gm

Product Code:

Product	Size	Code
Laparoscopic Video Recorder	-	2E02



Endoscope Camera Coupler - 2E03

Advin health care offers Endoscopic camera with international quality standards.

Advanced Features:

- 👁️ Optical lenses are composed of multiple sets of non spherical lenses
- 👁️ high wear resistance
- 👁️ multilayer coating eliminate stray light technology
- 👁️ Lens optical transmission rate is greater than 98%
- 👁️ high definition imaging
- 👁️ Waterproof structure design



Technical Specification:

General Specification	
Focal Length	18 – 35 mm
Mount	C/CS
Format	1/2"
Resolution	1280 x 1024 Pixels
Centre	150 lp/mm
Edge	120 lp/mm
Dimension	φ48 x 62 mm
Weight	125 Gm

Product Code:

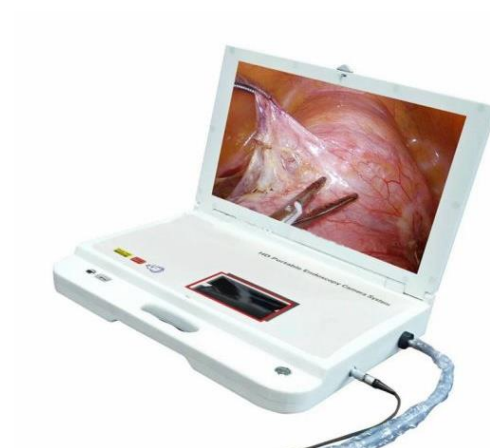
Product	Size	Code
Endoscope Camera Coupler	18 – 35 mm	2E03

Portable Endoscopic Camera System – 2E04

Advin health care offers Portable Endoscopic Camera System with international quality standards. High-definition endoscopic camera systems that are used to produce still and video images in the surgical field during surgical endoscopic procedures.

Advanced Features:

- 👁️ 1/3 CCD camera
- 👁️ 35W LED cold Light Source
- 👁️ 10" Monitor Display
- 👁️ Connect to additional Video recording box for image & video storage
- 👁️ Connect to additional 21"/ 22" /24" ETC display
- 👁️ USB Video recorder port
- 👁️ HD Video Quality monitor



Used For:

- 👁️ Urology / Gynecology
- 👁️ Otolaryngology / Rhinology / Laryngology

Technical Specification:

General Specification	
Power Supply	100 – 240 V AC, 50/60 Hz
Input Power	35 VA
Work Environment	+5° - + 40° C
Storage Environment	-10° - + 55° C
Relative Humidity	≤80%
Atmospheric Pressure	860hPa – 1060hPa
Endoscope CCD camera	
Images Device	1/3CCD
SNR	≥50dB
Scanning System	2:1 interlaced
SY	Pal
Total Pixels	N: 811 x 508

Effective Pixels	P: 795 x 596 N: 768 x 494
White Balance	P: 752 x 582 ATW1/ATW2/Manual
Scan Frequency	N: 1/60S-110000Sec P:1/50S-120000Sec
OSD Control-Menu	Built in External
Synchronous system	Internal Synchronization
Minimum Illumination	F1.2≤0.5dx
Rollovers	On/off
DNR	2D Vox
Brightness	ODS Adjustable

LED Light Source

Input Power	60VA
Power Supply	AC 100 – 240 V 50/60 Hz
Light Source	LED
Brightness	≥ 490000 lux
Colour Temp	≥6500K
Light Image Temp	≤80° C

HD Recorder

Recording Format	MP4
Recording Quality	1080P / 36 FPS
External U flash Disk	Max 64 G
External Mobile HDD	Max 2T
Recorder interface	Support USB disk & Removable Hard Disk

Medical Monitor

LCD Screen	17"
Colour	10.7 Billion
Aspect Ration	5:4

Product Code:

Product	Size	Code
Portable endoscopy Camera System	-	2E04

Medical Grade Monitor – 2E05

Advin Medical Grade Monitor Features a numbers of technologies that address image accuracy, including uniformity correction, which provides a more consistent brightness and colors across the entire display.

Advanced Features

- 👁️ High-Definition Vision
- 👁️ Surgical Monitor
- 👁️ It uses in surgery
- 👁️ Available in 24" 27" & 32"



Technical Specification:

Model	2E0524	2E0527	2E0532
Display Size	24"	27"	32"
Screen Technology	TFT AM LCD		
Aspect Ratio	16:10	16:9	16:9
Resolution	1920 x 1200	1920 x 1080	1920 x 1080
Pixel Pitch	0.270 mm	0.3114mm	0.3637 mm
Viewing Angle	178°		
Maximum Luminance	900 cd/m ²		500cd/m ²
Contrast Ratio	1000:1		3000:1
Color	1.07 B		16.7 Million
Response Time (Tr + Tf)	14ms		10 ms
Video Inputs Signals – Digital	Digital: - 3G-SDI & DVI Analog: - VGS, CVBS & S-Video		
Interface Port	Digital Input -BNC & DVI Analog – 15 pin D-sub, RCA & Mini Din Digital Output -BNC		
Video Out Put Single	Digital – 3G-SDI		
Power Supply	110 – 240 V AC		230V – 240 V AC
Power Consumption	90 W max		70 W max
Power Saving	EPA, VESA Standard		
Operating Temp.	0 to +50°C		
Storage Temp	-20°C to + 60°C		
Relative Humidity	10% to 90 % (non- Condensing)		
Application	Laparoscopy, GI Endoscopy, Bronchoscopy, Surgical Microscopy, ETC		

USB Endoscopy Camera - 2E06

Advin USB Endoscopy Camera System gives a best clear vision during all endoscopic procedures.

Advanced Features:

- 👁️ HD Video Quality
- 👁️ Multi-output: USB, BNC, AV
- 👁️ Portable and convenient
- 👁️ Integrates the illumination and imaging into a hand-held unit
- 👁️ Good quality image
- 👁️ Attachable with all endoscope
- 👁️ Don't need driver



Technical Specification:

Technical Specification	
Support System	Windows XP,7,8, &10
Horizontal resolution	700TVL
Extinction speed	<0.2s
SNR	≥50dB
Video output connect	USB, BNC, AV port computer, medical monitor & home TV

Product Code:

Product	Size	Code
USB Endoscopy Camera	-	2E06

Wireless Endoscope Camera - 2E07

Advin Wireless Endoscope Camera System gives a best clear vision during all endoscopic procedures. It is a special purpose digital video camera combined with a universal coupler, designed for various endoscopic applications.

Powered by a rechargeable lithium ion battery, this innovative device streams high quality live video (at 30fps) to a computer, enabling the user to view and record crystal clear images or videos.

Camera is being routinely used in otolaryngology (ENT), Gynecology, Urology, and Cosmetic practices. Most common uses are for diagnostics, client communication and education, tracking changes over time, and general examinations.

Advanced Features:

- 👉 easy to use tool
- 👉 Best Video quality image
- 👉 Portable camera head
- 👉 Easy to use and comfort to docotor

Uses:

- 👉 Diagnostic Examination
- 👉 Patient education
- 👉 Electronic Medical Records (EMR)
- 👉 Medical and Veterinary school

Set of Included:

- 👉 Digital Video Endoscope Camera
- 👉 Software CD
- 👉 USB Receiver
- 👉 AC Charger



Technical Specification:

Technical Specification

Resolution	720 x 480
Operating Systems	Windows 10, 8, 7, and Mac OS 10.8 or higher
Dimensions	11.5cm x 5.5cm x 5.5cm
Video, Image Files	BMP, JPG, AVI
Interface	USB 1.1/2.0 and above
Lens Assembly	Multi-Layered Glass, 650nm cutoff
Video	Format: YUY2 Frame rate: 30 FPS
Video/Image Properties	Color: 360 Level Hue, Saturation, White Balance Exposure: Brightness, Contrast Image: Sharpness, Gamma
Wireless Link	4 Independent Channels
Software	Scalable Window, Zoom, Freeze, Resolution, Rotate, Flip Region of Interest (ROI), Capture Snapshot and Video

Product Code:

Product	size	code
Wireless Endoscope Camera	-	2E07

Halogen Endoscopy Light Source - 2G01

ADVIN Halogen Light Source features filament structure, stability, and high color temperature. These are the best options available for many measurements and illumination applications.

As compared to other conventional light sources, these halogen lamps provide white light with more output in the blue end of the VIS spectrum and UV.

Advanced Features:

- 👉 Excellent air circulation lamp
- 👉 Maximize light throughput
- 👉 Adjustable focus
- 👉 Auto stabilizer for constant voltage.
- 👉 Heat filter for cold light.
- 👉 Excellent Air Circulation System
- 👉 Twin output
- 👉 Quick and easy set up
- 👉 Aluminum body to absorb heat and for long life.
- 👉 Available in white light output
- 👉 High power lamp



Applications:

- 👉 Microscopes
- 👉 Clinical chemistry analyzers
- 👉 Microplate readers
- 👉 Spectrophotometers

Accessories:

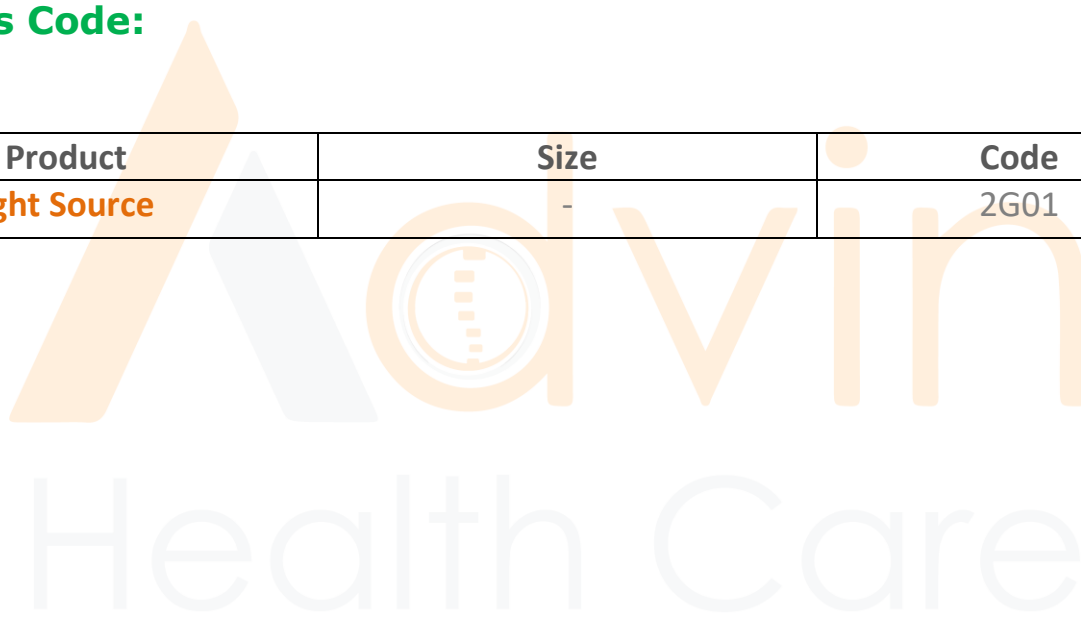
- 👉 Light Source - 1 No.
- 👉 Fibre Optic Cable - 1 No.
- 👉 Mains Cable - 1 No.

Technical Specification:

Technical Specification	
Illuminate	160000lux
Color Temperature	3200K
Fiber Optic Connector	Storz, Optional
Lamp	2 halogen reflector lamps 24V/250W
Intensity control	Manual
life of Bulbs	50hrs to 100hrs.
Source	Tungsten halogen
Operating temperature	5 °C – 35 °C
Power Supply	230V/50Hz

Products Code:

Product	Size	Code
Halogen Light Source	-	2G01



LED Endoscopy Light Source - 2G02

We, Advin manufacturer LED endoscopy light source with international quality standards.

Advin LED endoscopy light source with remote control and touch screen function is the latest product in the market. This represents the latest technology for the LED development. It is used in endoscopy, Microscopy, ETC.

Advanced Features:

- 🔌 High brightness is comparable to 350 W light source
- 🔌 Fully Remote Control
- 🔌 It saves energy for more than 50%
- 🔌 Environmentally friendly
- 🔌 Friendly design, Easy operation
- 🔌 Long Life, it could last 60000HRs max, 120 times of xenon



Technical Specification:

Technical Specification	
External power supply	100-240V AC-50/60Hz
Lead power	120W
Color temperature	5000K-6500K
Intensity	110, 400Lux.
Luminous flux	2484Lm.
Noise	<55db
Temperature	5~32°C
Relative Humidity	≤70%
Atmospheric Pressure	86.0~106.KPa

Product Code:

Product	Size	Code
LED Light Source	-	2G02

Xenon Light Source - 2G03

Advin Xenon Light Source is a high intensity xenon light source for all applications with fibre-optic illumination. The light intensity makes the light source usable for almost all-endoscopic discipline.

Centre of the unit is a xenon gas discharge lamp fixed mounted in a reflector. The color temperature is -5600°K. This corresponds real sunlight & enables true color reproduction. The output intensity can be easily controlled via control knob without influence or the quality of light.

Advanced Features:

- 🔌 Excellent air circulation lamp
- 🔌 Adjustable focus
- 🔌 Heat filter for cold light
- 🔌 Quick and easy set up
- 🔌 High power lamp



Technical Specification:

Technical Specification	
Power	100 – 240 V AC, 50 – 60 Hz
Power Consumption	225 VA
Light guide connector	Exchangeable adaptor
Lamp	180 W Xenon high pressure gas discharge lamp
Output control	Manual, Mechanical diaphragm
Dimensions	275 x 120 x 310 mm
Weight	5 Kg
Storage Temperature	-20°C to +60°C
Operating Temperature	+10°C to +40°C

Product Code:

Product	Size	Code
Xenon Light Source	-	2G03

LED Head Light - 2G04

Advin Health care provides Doctor LED Head light with international Quality Standards. The head-light is designed for examination and all types of surgical operations including microsurgery.

Advanced Features:

- 👁️ Variable intensity LED light
- 👁️ No heat in the light system
- 👁️ Rechargeable Li-Ion battery pack
- 👁️ Range of magnification and focal length loupes
- 👁️ Crisp and clear images from high grade glass, multi-coated loupes



Technical Specification:

Technical Specification	
Light Source Type	LED
Light Color	White
Diameter	80mm
Fluctuation Distance	125 mm
Battery	7.2 Li-Ion Battery
Input Voltage	110 – 240 VAC 50/60 Hz
Power	10 W
Weight	69 gms

Product Code:

Product	Size	Code
LED Head Light	-	2G04

Fiber Optic Cable – 2G05

We Advin manufacture and supply wide range of Medical optical cables for medical & surgical applications We also manufacture fiber optic Cable use in urology, Laparoscopy, Etc. It is compatible With Karl Storz And R. wolf.

Advanced Features:

- 👉 High transmission and flexible due to very fine fibers
- 👉 Smaller diameter (40 microns onwards) also helps to be more flexible
- 👉 White light over long transmission length
- 👉 Fused end terminals to withstand very high temperature
- 👉 Autoclavable
- 👉 Medical Grade material enhances its application for medical use



Product Code:

Product Name	size	Code
Fiber Optic cable	4.5 mm x 3 mtr	02G05A
Fiber Optic Cable	4.5mm x 2.3 mtr	02G05B

Trolley Suction Machine - 2H01A

Advin health care offers Trolley suction machine with International quality standards. In medicine, devices are sometimes necessary to create suction. Suction may be used to clear the airway of blood, saliva, vomit, or other secretions so that a patient may breathe.

Advanced Features:

- 🏠 Completely Plastic body design
- 🏠 Trolley suction machine intercepting oil for circumfluence can reduce the oil pollution
- 🏠 Easy to carry, low noise, and durable
- 🏠 High negative pressure and large flux
- 🏠 It is widely used in surgical operation



Technical Specification:

Technical Specification	
External power supply	AC 220 V / 50Hz
Input power	180VA
Operation noise	≤65db
Pumping Frequency	≥ 20L/min.
Max. Negative Pressure	≥90Pa
Reservoir capacity	2500mL/pc,2 pieces
Safety	Class I, Type- B.

Product Code:

Product	Size	Code
Trolley Suction Machine	-	2H01A

Trolley Suction Machine - 2H01B

Advin health care offers Trolley suction machine with International quality standards. In medicine, devices are sometimes necessary to create suction. Suction may be used to clear the airway of blood, saliva, vomit, or other secretions so that a patient may breathe.

Advanced Features:

- 🏠 Completely MS body design
- 🏠 suction machine intercepting oil for circumfluence can reduce the oil pollution
- 🏠 Easy to carry, low noise, and durable
- 🏠 High negative pressure and large flux
- 🏠 It is widely used in surgical operation



Technical Specification:

Technical Specification	
External power supply	AC 220 V / 50Hz
Phase	Single phase
Motor capacity	0.25 HP
Operation noise	≤65db
Pumping Frequency	≥ 20L/min.
Vacuum	710 mmHg (±10mmHg)
Reservoir capacity	2000mL/pc,2 pieces

Product Code:

Product	Size	Code
Trolley Suction Machine	-	2H01B

Portable Suction Machine - 2H02

Advin Health Care Provides Portable Suction Machine with international quality standards.

Advanced Features:

- 👉 Easy to carry
- 👉 Low noise
- 👉 Over Flow device prevents liquid entering Pump
- 👉 Vacuum adjustable system can be adjusted according to using
- 👉 Highly Accurate
- 👉 Low maintenance



Technical Specification:

Technical Specification	
External power supply	AC 220 V / 50Hz
Input power	44VA
Operation noise	≤65db
Max Airflow	>17L/min.
Max. Negative Pressure	>0.08Mpa.
Reservoir capacity	1000ml
Weight	6 kg

Product Code:





Product	Size	Code
Portable Suction Machine	-	2Hs02

Foot Pedal Suction Machine - 2H03

Advin Health care leading manufacturer Foot pedal suction machine with International quality standards.

Pedal Suction offered by us is primarily used in hospitals of all levels for suction of phlegm, blood and other thick liquid during surgical operations and induced abortions.

Advanced Features:

-  Longer functional life
-  Compact design
-  Can be operated without power
-  Easy operations



Technical Specification:

Technical Specification	
Max. Flow	20L/min.
Reservoir volume	200mL
Application	clinics, no power area, homes, remote areas
Weight	192 Gms.

Product Code:






Product	Size	Code
Foot Pedal Suction Machine	-	2H03

Liposuction Machine - 2H04

We, Advin engaged in offering a high quality Liposuction Machine. Our offered suction machine is accessible from us in several specifications as per the demand of patrons.

This suction machine is developed by our trained professionals utilizing best grade material and cutting edge technology. Offered suction machine is cherished by our patrons for their flawless range.

Advanced Features:

-  Application specific design
-  Easy to operate
-  Long service life
-  Highly Accurate
-  Low maintenance



Technical Specification:

Technical Specification

Power Supply	AC – 220V/50Hz
Power Consumption	800W
Noise	50db
Air Flow	90-100 L/min.
Flow rate	100LPM
Max. Negative pressure value	740mmHg
Reservoir volume	4000ml
Vacuum gauge	100mm
Glass Jar Capacity	2000ml

Product Code:

Product	Size	Code
Liposuction Machine	-	2H04

Theatre Suction Trolley - 2H05

Advin Health care Leading manufacturer theatre suction trolley with international quality standards.

Advanced Features:

- 🏠 Portable suction unit
- 🏠 The aspiration of body liquids, oral, nasal and tracheal aspiration in adults or children
- 🏠 A powerful aspiration of max 36 L/min
- 🏠 Double collection jars and on a stand with five castors
- 🏠 Two different options for operation, AC/DC adapter, rechargeable battery make.
- 🏠 Provided with visual and acoustic alarm indicating low battery level.



Technical Specification:

Technical Specification

Power Supply	100-240V AC, 50/60Hz
Power Consumption	110VA
Max Free air flow rate	36 L/min
Max Vacuum	0.80 Bar -80 KPa -600mmHg
Noise Level	61.5db
Autonomy	60min
Recharging Time	240 min
Duty Cycle	Non-stop operation
Weight	6.5Kg
Size	32 cm x 99 cm x 30 cm

Product Code:

Product	Size	Code
Theatre Suction Trolley	-	2H05

Nasal Suction - 2H09

Advin Health Care provides Nasal Suction with International quality standards. This Nasal Suction uses human suction to clear your child's nose and the back of the throat. It is best used for infants and children who are too young to clear their own noses.

Advanced Features:

- 👶 Paediatric Nose Cleaner
- 👶 Easy to operate
- 👶 Removes congestion from baby's nose with a safe, gentle suction motion
- 👶 Used for immediate relief, easy to clean
- 👶 Powerful enough to suck all the mucus, making breathing easier







Product Code:

Product	Size	Code
Nasal Suction	-	2H09

Penguin Suction - 2H10

Advin Health Care provides Penguin Suction with International quality standards. Penguin Suction is a reusable suction bulb intended for removal of fluids from a newborn's nasal and oral cavities. It is made of transparent, silicone for effective cleaning and high durability.

Advanced Features:

-  Ergonomic form for precise control
-  Made of high-grade silicone to withstand hundreds of uses
-  Soft, flexible suction tip with length and shape designed to reduce potential harm to newborn
-  Fluid Capacity 75 MI



Product Code:

Product	Size	Code
Penguin Suction	-	2H10

Advin C – Arm - 2I01

ADVIN X-ray & Radiological equipment's are Introducing Mobile C-arm system HF Series. This highfrequency inverter based X-ray system gives the excellent image quality.

This C-arm system is mainly useful for orthopedic, Urology, Gastro, Neuro & Pain management. This Mobile C-arm system is microcontroller based & this 3.5kW C-arm system produces ripple free X-rays.

Advanced Features:

- 👉 Ergonomically well designed fully counterbalanced, compact & Light Weight C –Arm design.
- 👉 Heat & Fire proof wiring (use of teflon Wire)
- 👉 Well design & fabricated structure fitted on heavy duty wheel with double ball bearing give smooth mobility
- 👉 Tube Overloading auto protection controlled by micro controller
- 👉 System has 5 Type of Mode for operating convinces
 1. Manual Mode
 2. S mode
 3. Pulse Mode
 4. HD mode
 5. ABS mode



Application:

Orthopedic / Trauma / Spine Surgery

Urology / Lithotripsy

Gastro / Neuro / Pain Management

Image Intensifier:

9" triple filed latest series within metal input II for unrivalled resolution, low structural noise & high conversion factor.

Charged Coupled Device (CCD) Camera:

High resolution CCD Camera specially designed to operate with image intensifier at low input of 0.3 Lux Output, 625 lines / flied.

Advantages of HF Generator:

- 🔌 Gives 70% - 80 % more output.
- 🔌 Output wave form is practically constant at peak value, thus the output is very efficient.
- 🔌 Negligible soft-radiation hence skin does is low.

Exceptional images Quality:

Delivers consistent, undistorted edge-to-edge image quality and superb contrast resolution to support critical decisions. Take a high resolution digital exposure to check device placement.

General Specification:

C –Arm Mechanical

Axial Rotation	±180°
Source To II distance	900 mm
Arc Orbital Movement	200 mm
Arc – Depth	640 mm
Horizontal Movement	200 mm
Vertical Movement	400 mm
Swivel Range	± 12.5°
Clearance	775 mm
Lateral Movement	Steering Handle
Locking Mechanism	Locks for all the manual movement of C -Arm

Technical Specification:

Model No.	2I0135	2I0150
KW	3.5 KW	5 KW
Power	220 V / 50Hz, 15 A ±10%	220 V / 50Hz, 15 A ±10%
Type of Generator	40KHz High Frequency	40 kHz High Frequency
Tube Type	Double focus stationary anode	Double focus stationary anode
Focal Spot	Small Focus: 0.6 mm x 0.6 mm Large Focus: 1.5 mm x 1.5 mm	Small Focus: 0.6 mm x 0.6 mm Large Focus: 1.5 mm x 1.5 mm
Fluoroscopy kVp	40 – 110kVp (single Step)	40 – 110kVp (single Step)
Normal Fluoroscopy	0.1 – 3.0 mA	0.1 – 4.0 mA
HD Fluoroscopy	0.1 – 5.0 mA	0.1 – 8.0 mA
Fluoroscopy Timer	Temperature controlled (5 Min. Cumulative)	Temperature controlled (5 Min. Cumulative)
Radiographic mAs	Up to 200 mAs.	Up to 200 mAs.
Radiographic Timer	An Inbuilt Rad timer enable to show continuous variable mAs for radiography	An Inbuilt Rad timer enable to show continuous variable mAs for radiography
Automatic Dose Rate	ABS Control is provided	ABS Control is provided
Self-Diagnostic	Self-Diagnostic Errors	Self-Diagnostic Errors
Image Intensifier	9” Triple Filed Image Intensifier	9” Triple Filed Image Intensifier
Camera	High resolution CCD camera, Optional 1 k X 1K camera	High resolution CCD camera, Optional 1k X 1K camera
Display Monitor	2 Nos. Monitors of 17” LED’s /LCD Optional 1 No. 32” LED’s / LCD	2 Nos. Monitors of 17” LED’s /LCD Optional 1 No. 32” LED’s / LCD
Memory	100 frames images memory with LIH with IR remote support. External USB Drives Carry	100 frames images memory with LIH with IR remote support. External USB Drives Carry

Anaesthesia Workstation–2J01

Advin Health Care provides Anaesthesia workstation with International quality standards. The Anesthesia workstation has been designed using the time trusted platform of the Anaesthesia Machines.

The Anaesthesia workstation offers a cost-effective yet feature rich solution ideal for mid-size hospitals keeping in mind their requirements. The compact Anaesthesia workstation offers a lot of safety features essential for delivering modern day Anaesthesia.

Advanced Features:

- 👉 Two gas machine with provision for O₂ & N₂O
- 👉 Hook for breathing circuit
- 👉 Large, roller bearing, anti-static castors with front wheel breaks
- 👉 Central pipeline connection with gas specific NIST connectors
- 👉 Open-Close Circuit Switch Control
- 👉 Convenient common gas outlet
- 👉 Wide monitoring shelf at eye level
- 👉 Twin selectatec mounting port For 2 agent specific vaporisers
- 👉 Below Deep drawer unit
- 👉 Integrated Hypoxic Guard
- 👉 Emergency O₂ flush
- 👉 Alarm to provided audible indication of pressure failure
- 👉 N₂O shutoff in the event of O₂ failure
- 👉 Pressure relief valve



Integrated Circle Breathing System:

- 👉 Bypass switch – Allows canister change during ventilation
- 👉 Autoclavable parts
- 👉 Moisture drain Valve
- 👉 APL valve 0- 70 cmH₂O
- 👉 Double canister system with two canister of approx. 1kg each

Integrated Ventilator

Workstation comes with a uniquely designed integrated ventilator which has assn unique inbuilt calculator to guide initial settings of ventilator parameters & inspiratory flow. The integrated ventilator is time cycled pressure limited electronically controlled pneumatics driven ventilator. The ventilator can be oxygen or air driven.

Features:

- 👉 3.2" monochromatic display
- 👉 Suitable for Adult and Pediatric use
- 👉 Built-in Audio-Visual alarm
- 👉 Easy to clean detachable ascending bellow unit
- 👉 Ventilator/ Standby button for changeover from automatic to manual ventilation vice-versa

Vaporiser

- 👉 Calibration range : 0 to 5%, 0 to 6% and 0 to 8% set by using a
- 👉 Laser Refractometer, Agent Capacity: 250 ± 25ml
- 👉 Easy to turn dials with safety lock to prevent accidental turn-on
- 👉 Agent specific vaporisers designed to provide constant output set by user
- 👉 Interlock mechanism to lock in series with other vaporisers
- 👉 Individually calibrated for specific anesthetic drug
- 👉 Available for Halothane, Sevoflurane and Isoflurane

Technical Specification:

Technical Specification	
Storage Space	One spacious drawer for keeping essential an aesthesia kit/ accessory
Castors & Foot Rest	Large roller bearing anti-static castors with front brakes & foot rest
Monitor shelf	Wide Monitor shelf at eye level.
Cylinder yokes	Color coded gas specific (pin indexed) yokes with sliding stainless steel clamping bars for easy handling. Holding Two O ₂ and Two N ₂ O 5 Ltr. water capacity cylinders
Non-Return / Pressure Relief Valve	Minimizes risk of back flow of gases, blows off when pressure exceeds 125 CmH ₂ O
Regulators	Designed for higher efficiency, long service life and reliability for O ₂ and N ₂ O
O₂ Flush	Emergency oxygen flush switch at table level to give 30-75 Ltrs/min for emergencies
O Failure Warning Alarm	Self-activated electro-pneumatic audio-visual warning device to indicate drop in O pressure below 2.5 Bar
Nitro Lock	It enables N ₂ O to cut off if Oxygen fails
Hypoxic Guard	Mixing device to proportion the N ₂ O in such a way that minimum of 25% O ₂ is always present in the breathing gas mixture
Common Gas Outlet (CGO)	Conveniently located CGO with ISO tapers for 22 & 15mm connections
Pipeline Gas Inlets	Non-interchangeable screw threaded (NIST) pipeline inlets. In case of drop in piped gas pressure the pin index cylinders take over automatically
Pressure Gauges	Large diameter, color coded gauges fitted at convenient angle for better visibility and clarity. One for each of the pin indexed yokes and one each corresponding to piped gas inlet
Selecta Tec Brackets	Twin Selecta Tec Block
Breathing Circuits	Bains and Closed circuit provided as standard

Ventilator Technical Specification

Tidal Volume	100ml–1500ml
Tidal Volume – Paediatric (Optional)	30ml–250ml
Modes	CMV, Standby & Manual
Frequency	1–100 bpm
I: E Ratio	4:1–1:10
Built-in Pressure Relief Valve	70cmH ₂ O

Supply Pressure	280–700 kPa (45–100 kPa)
Graphical Pressure Indication	(-)10–80cmH O (Bar Graph)
PEEP (Optional)	2–20cmH ₂ O
Low Airway Pressure (Apnea)	3–25cmH O (Adjustable)
High Airway Pressure	15–80cmH O (Adjustable)
Low Supply Gas Pressure	<250 kPa
Alarm Mute	120 Sec. except for Low Supply Gas Pressure
Power Supply	220V–240V AC 50Hz
Internal Battery Backup	Up to 4hrs

CASCADE FLOWMETER

Oxygen Low Flow	0.05–1.0 lpm
Oxygen High Flow	1–10 lpm
N₂O Low Flow	0.05–1.0 lpm
N₂O High Flow	1–12 lpm

PHYSICAL SPECIFICATION

Dimensions (mm)	1550 (H) x 810 (W) x 670 (D)
Work Surface (mm)	885 (H) X 620 (W) x 250 (D)
Top Shelf (mm)	620 x 360
Drawer (mm)	510 x 320
Weight	95 kg

Advin Health Care

Anaesthesia Workstation - Advanced – 2J01A

Advin Leading in Aneasthesia Workstation with International quality standards. Advin has developed Advance Anaesthesia Workstation keeping in mind doctor's need of compact and user friendly design of Anaesthesia delivery system that helps to deliver attentive care to the patient rather than on the equipment.

Advanced Features:

- 🏠 Medical grade ABS plastic framework
- 🏠 Three gas machine with provision for O₂ , N₂O and Air
- 🏠 Convenient common gas outlet
- 🏠 Deep spacious drawer units
- 🏠 Auxiliary oxygen therapy flowmeter
- 🏠 High-Luminance 7 inches TFT colour display
- 🏠 Automatic changeover from pipeline to cylinder
- 🏠 Work surface lighting
- 🏠 Pin Indexed yokes Two for O₂ and Two for N₂O
- 🏠 Open-Close circuit switch control
- 🏠 Wide monitoring shelf at eye level
- 🏠 Convenient mounting of circle absorber
- 🏠 Twin Selectatec mountings for 2 Agent Specific Vaporisers
- 🏠 Hook for breathing circuit
- 🏠 Anaesthetic gas scavenging port
- 🏠 Large, roller bearing, anti-static castors with front wheel brakes
- 🏠 Electrical outlets for connecting monitors
- 🏠 Central pipeline connections with gas specific NIST connectors
- 🏠 Built-in venturi type suction
- 🏠 Work surface lighting
- 🏠 Automatic changeover from pipeline to cylinder



- 👉 APL valve range 0–70 cmH2O
- 👉 Autoclavable parts
- 👉 Quick release sodalime canister system
- 👉 Easy to clean detachable ascending bellows unit
- 👉 Alarms
 1. Apnea
 2. Airway Pressure High & Low
 3. VT, MV High & Low
 4. Sustained pressure
 5. Disconnection
 6. Power failure
 7. Low supply gas pressure

Technical Specification:

Technical Specification	
Storage Space	Two spacious drawers for keeping essential anaesthesia kit/ accessories
Castors & Foot Rest	Large roller bearing anti-static castors with front brakes & foot rest
Writing Surface	Wide table top for writing
Monitor Shelf	Wide Monitor shelf at eye level
Cylinder Yokes	Color coded gas specific yokes with sliding stainless steel clamping bars for easy handling. Holding Two O2 and Two N2O 5 Liter. water capacity cylinders
Non-return/ Pressure Relief Valve	Minimizes risk of back flow of gases, blows off when pressure exceeds 125 CmH2O
Regulators	Designed for higher efficiency, long service life and reliability for O2 and N2O
O2 Flush	Emergency oxygen flush switch at table level to give 30-75 Liters/min for emergencies.
O2 Failure Warning Alarm	Self activated electro-pneumatic audio-visual warning device to indicate drop in O2 pressure below 2.5 Bar
Breathing Circuits	Bains and Closed circuit provided as standard
Selectatec Brackets	Twin Selectatec Block
Common Gas Outlet (CGO)	Conveniently located CGO with ISO tapers for 22 & 15mm connections

Nitro Lock	It enables N2O to cut off if Oxygen fails
Pipeline Gas Inlets	Non-interchangeable screw threaded (NIST) pipeline inlets. In case of drop in piped gas pressure the pin index cylinders take over automatically
Pressure Gauges	Large diameter, color coded gauges fitted at convenient angle for better visibility and clarity. One for each of the pin indexed yokes and one each corresponding to piped gas inlet

Cascade Flowmeter

Oxygen Low Flow	0.05–1.0 lpm
Oxygen High Flow	1–10 lpm
N2O Low Flow	0.05–1.0 lpm
N2O High Flow	1–12 lpm
Air	0.2–15 lpm

Physical Specification

Dimensions (mm)	1465 (H) x 720 (W) x 660 (D)
Work Surface (mm)	815 (H) X 540 (W) x 250 (D)
Top Shelf (mm)	625 x 320 Drawer (mm) 490 x 320
Weight	120 kg
Power Consumption	110W

Ventilator Technical Specification

Tidal Volume	20ml–1500ml
Frequency	1–100 bpm
I:E Ratio	1:8–4:1
Driving Gas	Oxygen (Standard)/ Air (Optional)
Supply Pressure	45–100 PSI (310–700 kPa)
Minute Volume	0–20 lpm
Supply Gas Low	Supply gas (driving gas) has pressure 300 kPa or below
Inspiratory Pause	0–50% of Ti
Power Supply	100–250 Volts
Pressure High	10–70 cmH2O
Pressure Low	10–30 cm H2O
Internal Battery Backup	120 mins

Anesthesia Trolley - 2J02

Advin Health Care provides Anesthesia Trolley with International quality standards. It is a medical device used to generate and mix a fresh gas flow of medical gases and inhalational anaesthetic agents for the purpose of inducing and maintaining anaesthesia.

Advanced Features:

- 🔧 Available with Nitrolock facility
- 🔧 Rear cylinder tray platform for 2 Nos. 10 liter. water capacity cylinders
- 🔧 Provision to attach circle absorber
- 🔧 A and B type cylinder key, face mask, baird circuit and mox regulator with tubing supplied free of cost with the apparatus
- 🔧 Ampule bins for injection and medicines



Technical Specification:

Technical Specification	
Construction	18 swg mild steel body, powder coated for high corrosion resistance with aesthetic appearance.
Monitor tray	At eye level with a load capacity of 35kg.
Rotameter	9" long with rotating bobbin calibrated in double/ triple scale, with fluorescent back ensuring better accuracy and clarity in reading.
Vaporizer	Goldman Halothane vaporiser and space for 1 No. extra vaporiser.
Emergency Press on Block	Emergency oxygen cum outlet with pressure release valve facility.
Table Top Tray	Stainless steel 18 swg table top tray 490mmx380mm with 20kg load capacity for monitors.
Cylinder yokes	Gas specific pin indexed yokes one each for oxygen and nitrous oxide.
Regulators	Forged brass regulators for higher efficiency and reliability with output pressure of 4.22kg/cm ² .
Metal tubing	High pressure metal tubing provided for connections in circuit.
Breathing attachment	Standard Bains /Magill's circuit provided.
Mobility	Four 4" diameter antistatic castor wheels with bearings. Front castors with individual brakes.
Dimension	H x W x D – 153 x49 x60 Cm.
Weight	45kg (approx. without cylinders).

Anesthesia Trolley - 2J03

Advin Health Care provides Anesthesia Trolley with International quality standards. It is a medical device used to generate and mix a fresh gas flow of medical gases and inhalational anaesthetic agents for the purpose of inducing and maintaining anaesthesia.

Advanced Features:

- 🔧 Available with Nitrolock facility
- 🔧 Rear cylinder tray platform for 2 Nos. 10 liter. water capacity cylinders
- 🔧 Provision to attach circle absorber
- 🔧 A and B type cylinder key, face mask, bair circuit and mox regulator with tubing supplied free of cost with the apparatus
- 🔧 Ampule bins for injection and medicines



Technical Specification:

Technical Specification	
Construction	18 swg mild steel body, powder coated for high corrosion resistance with aesthetic appearance.
Monitor tray	At eye level with a load capacity of 35kg.
Rotameter	9" long with rotating bobbin calibrated in double/ triple scale, with fluorescent back ensuring better accuracy and clarity in reading.
Vaporizer	Goldman Halothane vaporiser and space for 1 No. extra vaporiser.
Emergency Press on Block	Emergency oxygen cum outlet with pressure release valve facility.
Table Top Tray	Stainless steel 18 swg table top tray 490mmx380mm with 20kg load capacity for monitors.
Cylinder yokes	Gas specific pin indexed yokes two for oxygen and one for nitrous oxide.
Regulators	Forged brass regulators for higher efficiency and reliability with output pressure of 4.22kg/cm ² .
Metal tubing	High pressure metal tubing provided for connections in circuit.
Breathing attachment	Standard Bains /Magill's circuit provided.
Mobility	Four 4" diameter antistatic castor wheels with bearings. Front castors with individual brakes.
Dimension	H x W x D – 153 x49 x60 Cm.
Weight	45kg (approx. without cylinders).

Anesthesia Trolley (2N₂ + 2O₂) – 2J04

Advin Health Care provides Anaesthesia Trolley with International quality standards.

Advanced Features:

- 👉 Nitrolock facility available
- 👉 Rear cylinder tray platform for 2 Nos. 10 liter. water capacity cylinders
- 👉 Provision to attach circle absorber
- 👉 A and B type cylinder key, face mask, bair circuit and mox regulator with tubing supplied free of cost with the apparatus
- 👉 Ampule bins for injection and medicines



Technical Specification:

Technical Specification

Construction	18 swg mild steel body, powder coated for high corrosion resistance with aesthetic appearance.
Monitor tray	At eye level with a load capacity of 35kg.
Rotameter	9" long with rotating bobbin calibrated in double/ triple scale, with fluorescent back ensuring better accuracy and clarity in reading.
Vaporiser	Goldman Halothane vaporiser and space for 1 No. extra vaporiser.
Emergency Press on Block	Emergency oxygen cum outlet with pressure release valve facility.
Table Top Tray	Stainless steel 18 swg table top tray 490mmx380mm with 20kg load capacity for monitors.
Cylinder yokes	Gas specific pin indexed yokes two for oxygen and two for nitrous oxide.
OFWD	Oxygen failure audible alarm.
Pressure gauge	Superior quality color coded 50 mm pressure gauges, two for oxygen and two for nitrous oxide.
Regulators	Forged brass regulators for higher efficiency and reliability with output pressure of 4.22kg/cm ² .
Metal tubing	High pressure metal tubing provided for connections in circuit.
Breathing attachment	Standard Bains /Magill's circuit provided.

Mobility	Four 4" diameter antistatic castor wheels with bearings. Front castors with individual brakes.
Dimension	H x W x D – 153 x 49 x 60 Cm.
Weight	45kg (approx. without cylinders).



Fogger Machine - 2L01

Advin Fogger Machine Used Mostly for the application of Deterge at Hospitals, Laboratories, Pharmaceutical industries, Clean rooms, Healthcare, biotech & tissue culture labs, dairies, & Food Processing areas etc. It is also used for the application of biocides, fungicides, pesticides.

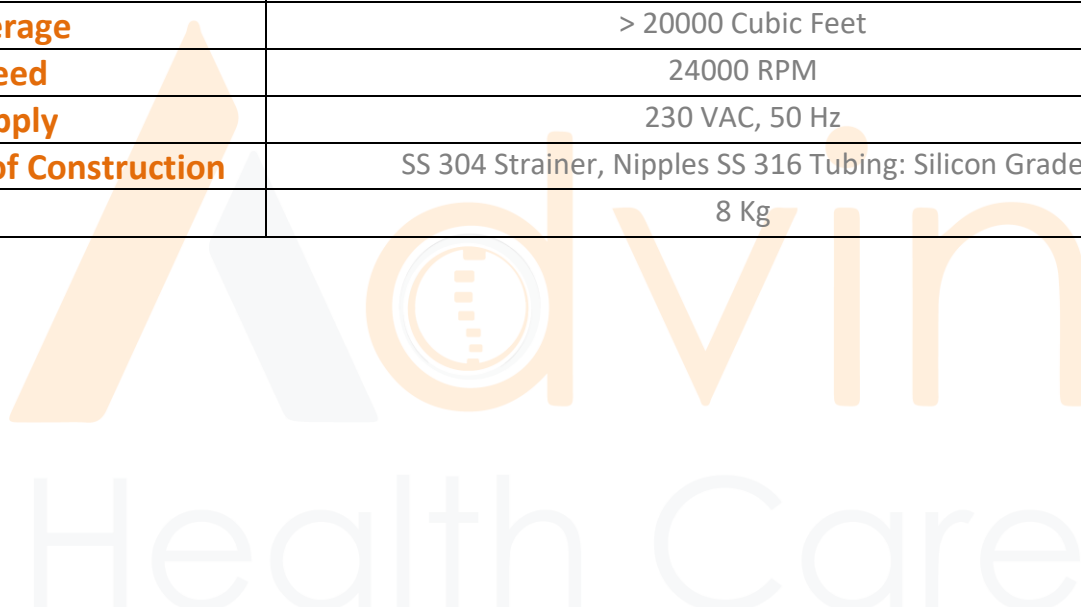
Advanced Features:

- 🔌 Dry Fog, Uniform sub-micron size liquid particles
- 🔌 Body & internal parts, that resist corrosion & chemical attack
- 🔌 Sturdy & most durable, maintenance free
- 🔌 Advanced thrust design of air jet Nozzle
- 🔌 Adjustable flow rates of 1 – 3 Litres / Hr
- 🔌 Cover an area of > 20,000 cubic feet
- 🔌 High speed FHP motor for maximum thrust of spray
- 🔌 Digital Timer to set the fogger on for 1 – 99 min
- 🔌 Fog thrust of > 50 Feet
- 🔌 Highly portable & can be carried or moved easily



Technical Specification:





Specification	2L01A	2L01B
Timer Devices	Digital Timer (1 – 99Min.)	
Working Hr. Counters	Available (Digital)	
Particle Size	Uniform sub microns	
Liquid Flow Rate	1- 3 Litres /Hr. (Adjustable)	
Flow Control Mechanism	Available SS 316	
Nozzle Systems	SS 316 grade, Air – Jet Nozzle (advanced Thrust Design)	
Tank Capacity	8 Litres	6.5 Litres
Tank MOC	HDPE	SS 316 L
Noise Level	< 88 dB @ 1 meters	
Air Filter	Triple Stage with clamp	
Area Coverage	> 20000 Cubic Feet	
Motor Speed	24000 RPM	
Power Supply	230 VAC, 50 Hz	
Material of Construction	SS 304 Strainer, Nipples SS 316 Tubing: Silicon Grade	
Weight	8 Kg	



Doctor Magnifying Loupe - 2L02

Advin Health Care provides Doctor Magnifying Loupe with International quality standards. Doctor Magnifying Loupe used by surgeons are mounted in the lenses of glasses and are custom made for the individual surgeon, taking into account their corrected vision, interpupillary distance and desired focal distance. Multiple magnification powers are available.

Advanced Features:

-  Prismatic Optics
-  Lightweight
-  Reduces Eye Strain
-  Superb Quality



Technical Specification:

General Specification	
Application	ENT Surgery, Diagnostic Surgery, Orthopedics
Size	14cm
Material	Plastic
Magnification	2.5

Product Code:

Product	Size	Code
Doctor Magnifying Loupe	-	2L02

OT Floor Suction - 2L03

Advin Health Care provides OT Floor Suction with International quality standards. The OT floor suction provides a simple solution to a problem often encountered during procedures utilizing fluid distension media pools of fluid on the operating room floor. Suction should be set at a standard hospital suction level of approximately 300 mmHg.

Advanced Features:

- 👂 It's easily moved wherever
- 👂 Lightweight
- 👂 It can collect an average of 700ml of fluid per minute



Technical Specification:

General Specification	
Application	Hospital
Material	ABS
Voltage	14.8 V
Tube Diameter	25-35 mm

Product Code:

Product	Size	Code
OT Floor Suction	-	2L03

Fumigator - 2L04

Aerosol Disinfector converts formiln into aerosol from which 100% biological with an aduquate amount of penetrability to destroy apors. Aerosol formalin & water combine to work with a vengeance, permating every crack & Crevice, destroying germs & spores on furniture, light fittig & equipment.

Multipurpose disinfectants instantly destroys even air borne bacteria, leaving a negligible residue owing to its high aerodynamic stability which cause it to remain suspended in the air without forming droplets.

Advanced Features:

- 🔧 Light weight & Portable
- 🔧 Easy to operate
- 🔧 Virtually no maintenance required
- 🔧 Comes with Automatic Timer (optional)
- 🔧 Negligible power consumption
- 🔧 100% convenient, Portable & easy to use



Technical Specification:

Specification	
Body	SS 202 / 304 Base cabinet with aluminium Legs
Liquid Capacity	5 Litres of chemical storage (other models Available with 3L Storage)
Motor	1/8 Hp Copper winding, Aluminium body motor (ISI Motor Optional)
Blade	Plastic Fan blade for long lasting Use
Atomizing Capacity	30 – 35 ml / min
Fume	High Pressure Fume Releaser
Automatic Timer	Optional (0 -60 min)
Power Supply	230 V 50Hz

Product Code:

Product	Size	Code
Fumigator	5 Litre	2L04

Digital Tourniquet Machine - 2001

We, Advin, Digital Tourniquet Machine with international quality standards. Tourniquets applied to the digits control and minimise blood loss providing a clear surgical field that allows for delineation of structures.

Advanced Features:

- 👉 Fully Automatic Micro-controller based Dual cuff system
- 👉 Feather Touch Keypad control, Easy to set pressure value with Rotary Knob
- 👉 Large Graphical Display for better Visibility
- 👉 Cuff Pressure is maintain to set value automatically
- 👉 Online cuff pressure setting can be changeable in working mode
- 👉 Elapsed Time of inflection period is always in front of Display
- 👉 Cuff having long, straight silicon Tubing and Autoclavable
- 👉 Cuff Pressure and Time set Individually for both cuff
- 👉 In Built battery Charging circuit to re-charge the battery immediately by just connecting the power cable



Technical Specification:

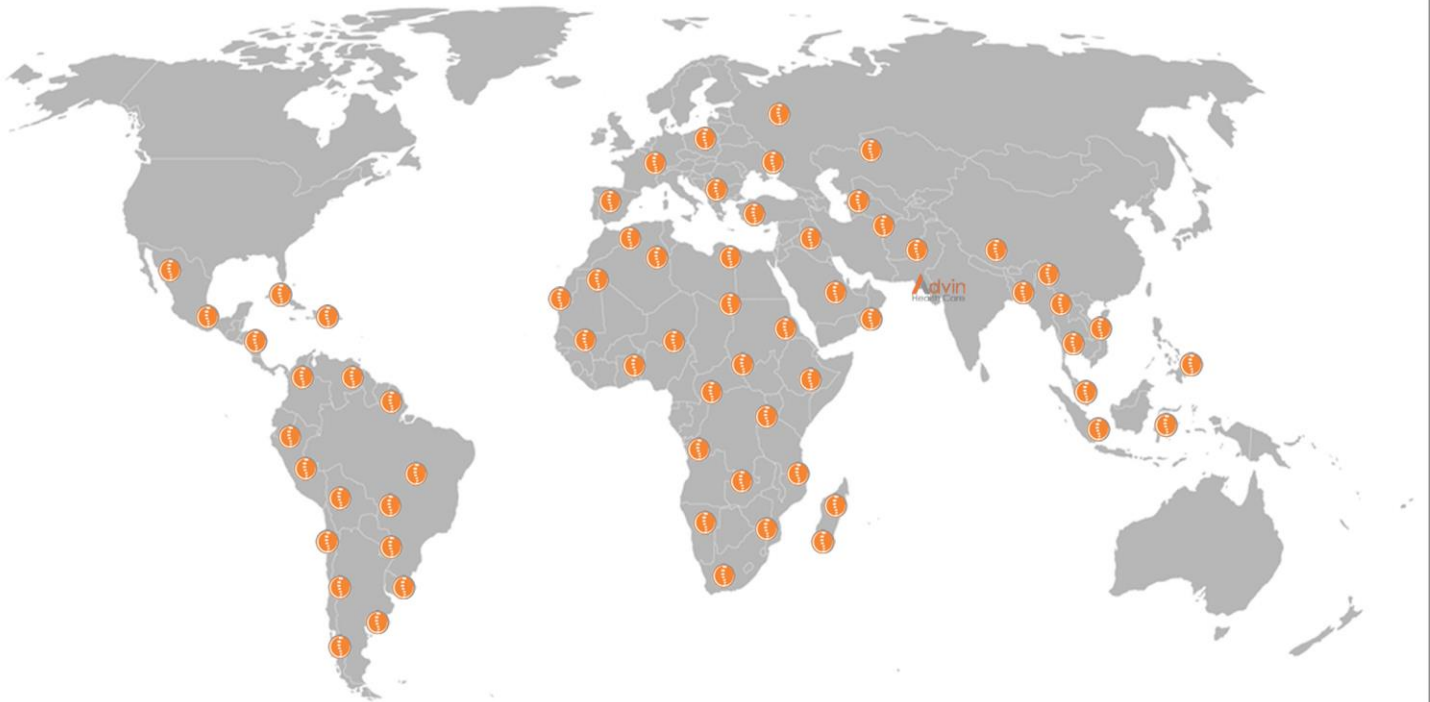
Technical Specification	
Cuff Pressure	50 - 600 mm of Hg
Inflation	Motorized Pump
Pressure Resolution	+/- 3 mm of Hg
Accuracy	+/- 5 mm of Hg (Ref. Set Pressure)
Display	Graphical Display
Cuff	Dual Cuff
Display Time	HH:MM : SS
Power input	AC-230 Volts 50/60 Hz
Battery	Yes
Cuff Types	Silicon Autoclavable Cuff
Cuff size	12x86 cm/ 12x48 cm, 12x48 cm/12x28 cm, 6.5x21 cm
Weight	4.5 kg Approx
Dimensions	225 W x 200 L x 90 H mm

Product Code:

Product	Size	Code
Digital Tourniquet	-	2001



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