

**BRAND INDIA ENGINEERING  
E-CATALOGUE**

Date: 30-01-2025

# **ALLENGERS MEDICAL SYSTEMS LIMITED**

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Since Last two decades, Healthcare providers worldwide have relied on Allengers Medical Systems Ltd., for high-quality Medical Technology, services and productivity solutions. No matter, what challenges are being faced in our health system, you can always count on Allengers to deliver the highest quality healthcare in shape of X-ray Machines, C-Arm Image Intensifiers, Lithotripters (ESWL), Mammography and Cath Lab. We have a market share of approximately 45% in Indian market and presently exporting our product range to more than 80 different countries across the globe. ALLENGERS is a manufacturer & Exporter of below listed diagnostic equipments: Cath Lab (Mobile and Fixed), X-Ray machine (Line and High frequency), C-Arm Image intensifier (Line and High Frequency), Extra Corporeal Shockwave Lithotripter, Mammography, Digital X-Ray (Mobile and Fixed), DSA systems, Remote Control RF Table. Cardiac Products: Multi-Para Monitor, EEG, ECG & TMT Machine Hospital management systems (HMS) & PACS By virtue of our quality, system and safety standards we are certified with CE, ISO 9001:2008, ISO 13485:2012, AERB and BIS. With its consistent performance and growth year after year, Allengers has become the hallmark for the other growing companies.

[Products Description](#)

## BRAND INDIA ENGINEERING E-CATALOGUE

Product Category

Diagnostic & Imaging Instruments

Product Sub-Category

Diagnostic Imaging

Technical Details

Allengers MARS Series of digital radiography systems (ceiling suspended system with auto tracking / auto positioning feature) are specialized models for general and specialized radiography applications. These systems are available with single detector / dual detector options as per user intended applications. SPECIAL FEATURES Preview image is available in less than 3 seconds (no long wait for patients). Perfectly dry film printing (no chemicals). No physical movements of cassettes (faster operation). Wide dynamic range (soft tissues and hard bones can be seen together). Digital image processing (overcomes errors in exposure factor selection). Superb image quality due to fine pixels and high contrast range. Efficient and user friendly work flow due to DICOM based system. Easy to connect with existing HIS / HMS / RIS / PACS in a hospital environment. Post processing adds more to the image quality. Tracks detector positioning (vertical stand or 6 way table) for accurate source to detector positioning. Unlimited positioning freedom. Maximized productivity. Increased diagnostic capabilities and patient care. Better throughput. Excellent reliability.

ITC HS Codes

902290

Certification/ Standard

CE

Issuing Agency

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Date of Issue

01-01-2017

Date of Expiry

End Use Sectors

Product Images



### DIGIX-U/ DIGIX-U ADV

Product Category

Diagnostic & Imaging Instruments

Product Sub-Category

Diagnostic Imaging

## BRAND INDIA ENGINEERING E-CATALOGUE

Technical Details	DIGIX-U / DIGIX-U ADV Product : Digital Radiography System (Universal U-Arm) Models/Ratings : MARS 15 / 30 / 40 / 50 / 50+ / 65 / 80 KW Series : DIGIX U Features : Single detector system, auto positioning, Bucky is fitted with anti collision device to protect the detector assembly, Infrared remote control operation, Integra X -Integrated image acquisition system, Mobile table (Mobit4/Mobit6)
ITC HS Codes	902290
Certification/ Standard	CE
Issuing Agency	---
Date of Issue	01-01-2017
Date of Expiry	
End Use Sectors	
Product Images	



### DIGIX / DIGIX ecoADVec

Product Category	Diagnostic & Imaging Instruments
Product Sub-Category	Diagnostic Imaging
Technical Details	Digital Radiography System Ceiling Free Models/Ratings : MARS – 15 / 30 / 40 / 50 / 50+ / 65 / 80 KW Series : DIGIXeco Features : Full DICOM 3.0 connectivity, high frequency 40KHz generator (less skin dose). Integra X – Integrated image acquisition system, versatile detector stand having an inbuilt FPD/Wi-fi FPD to enable all types of radiographs with mobile table (Mobit/Mobit4/Mobit6).
ITC HS Codes	902290
Certification/ Standard	CE
Issuing Agency	---
Date of Issue	01-01-2017
Date of Expiry	31-01-2018
End Use Sectors	--

## BRAND INDIA ENGINEERING

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Product Images



### MOBILX DR

Product Category

Diagnostic & Imaging Instruments

Product Sub-Category

Diagnostic Imaging

Technical Details

MOBILX DR Product : Digital Radiography System ( Mobile ) Models/Ratings : 15 / 20 / 32 / 40 / 50 KW Series : MobilXDR Features : Wi – Fi (wireless) detector, user friendly 17" large touch screen operating console, battery powered, motor assisted noise free movements, separate power pack for X-ray generator, motor drive and console PC, Integra X-Integrated image acquisition system.

ITC HS Codes

902290

Certification/ Standard

CE

Issuing Agency

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Date of Issue

03-01-2017

Date of Expiry

End Use Sectors

Product Images



**ROLLX DR Product : Digital Radiography System (Mobile)**

## BRAND INDIA ENGINEERING E-CATALOGUE

Product Category	Diagnostic & Imaging Instruments
Product Sub-Category	Diagnostic Imaging
Technical Details	ROLLX DR Product : Digital Radiography System (Mobile) Models/Ratings : MARS – 6/15KW Series : ROLLXDR Features : 14"x17" Portable Wired/Wireless Flat Panel detector, 17" touch console, Integra X – Integrated image acquisition system. LAN connectivity with DICOM printer, operates on just 15 Amps / 230 Volt standard wall socket, full DICOM 3.0 connectivity
ITC HS Codes	902290
Certification/ Standard	CE
Issuing Agency	---
Date of Issue	01-01-2017
Date of Expiry	
End Use Sectors	
Product Images	



### **ANGIO TAB 90 90 Product : Remote Controlled RF Table / X-Ray Systems (Digital/Analog) Models/Ratings : MARS 15 / 30 / 40 / 50 / 50+ / 65 / 80 KW Series : ANGIO TAB 90 90 Features**

Product Category	Diagnostic & Imaging Instruments
Product Sub-Category	Diagnostic Imaging
Technical Details	ANGIO TAB 90 90 Product : Remote Controlled RF Table / X-Ray Systems (Digital/Analog) Models/Ratings : MARS 15 / 30 / 40 / 50 / 50+ / 65 / 80 KW Series : ANGIO TAB 90 90 Features : Both side $\pm 90^\circ$ tilt, Height adjustment (lower height for easy patient loading in case of trauma/wheel chair patients), Remote diagnostics and calibration, Full body scan of patient.
ITC HS Codes	902290
Certification/ Standard	CE
Issuing Agency	---
Date of Issue	13-12-2016
Date of Expiry	28-02-2018

## BRAND INDIA ENGINEERING E-CATALOGUE

End Use Sectors  
Product Images



**ANGIO TAB 90 30 Product : Remote Controlled RF Table / X-Ray Systems (Digital/Analog) Models/Ratings : MARS 15 / 30 / 40 / 50 / 50+ / 65 / 80 KW Series : ANGIO TAB 90 30**

Product Category

Diagnostic & Imaging Instruments

Product Sub-Category

Diagnostic Imaging

Technical Details

ANGIO TAB 90 30 Product : Remote Controlled RF Table / X-Ray Systems (Digital/Analog) Models/Ratings : MARS 15 / 30 / 40 / 50 / 50+ / 65 / 80 KW Series : ANGIO TAB 90 30 Features : RF system designed for all radiographic and fluoroscopic examinations, Advance imaging system with 1Kx1K imaging chain

ITC HS Codes

902290

Certification/ Standard

CE

Issuing Agency

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Date of Issue

14-11-2016

Date of Expiry

End Use Sectors

Product Images



## BRAND INDIA ENGINEERING E-CATALOGUE

**ANGIO SCAN Product : Digital Subtraction Angiography (DSA) system Models/Ratings : DSA 6 / 20 ( 6 / 20 KW ) Series : ANGIO SCAN**

Product Category	Diagnostic & Imaging Instruments
Product Sub-Category	Diagnostic Imaging
Technical Details	ANGIO SCAN Product : Digital Subtraction Angiography (DSA) system Models/Ratings : DSA 6 / 20 ( 6 / 20 KW ) Series : ANGIO SCAN Features : Fine digital images with detailed information and superb contrast for sure shot diagnosis, Excellent image quality with 1K*1K imaging chain.
ITC HS Codes	902290
Certification/ Standard	CE
Issuing Agency	---
Date of Issue	07-11-2016
Date of Expiry	
End Use Sectors	
Product Images	



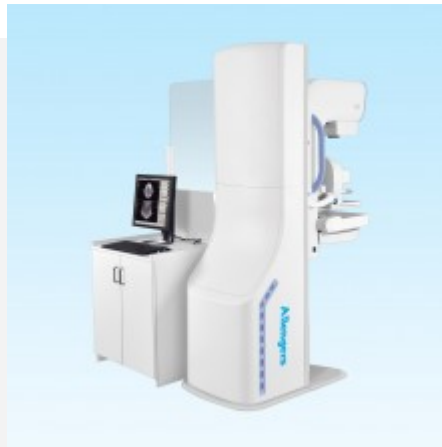
**FAIRY DR Product : Mammography (Digital) Models/Ratings : MAM – VENUS / MAM – VENUS+ (3.5 / 5 KW) Series : FairyDR**

Product Category	Diagnostic & Imaging Instruments
Product Sub-Category	Diagnostic Imaging
Technical Details	FAIRY DR Product : Mammography (Digital) Models/Ratings : MAM – VENUS / MAM – VENUS+ (3.5 / 5 KW) Series : FairyDR Features : Full field digital mammography with flat panel detector (FFDM), Biopsy Stereotactic (optional).
ITC HS Codes	902290
Certification/ Standard	CE
Issuing Agency	---
Date of Issue	13-12-2016
Date of Expiry	19-01-2018

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**FAIRY Product : ISO Mammo (Analog) Models/Ratings : MAM – VENUS / MAM – VENUS+ (3.5 / 5 KW)**

Product Category

Diagnostic & Imaging Instruments

Product Sub-Category

Diagnostic Imaging

Technical Details

FAIRY Product : ISO Mammo (Analog) Models/Ratings : MAM – VENUS / MAM – VENUS+ (3.5 / 5 KW) Series : Fairy Features : Fully motorized Iso centric mammography with Automatic Exposure Control (AEC) Optional, Automatic Programming Radiography (APR), Automatic filter selection, Stereotactic biopsy (optional).

ITC HS Codes

902290

Certification/ Standard

CE

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Date of Issue

05-12-2016

Date of Expiry

End Use Sectors

Product Images





## BRAND INDIA ENGINEERING E-CATALOGUE

### VENUS/VENUS + Product : Mammography (Analog) Models/Ratings : MAM – VENUS / MAM – VENUS+ (3.5 / 5 kw)

Product Category	Diagnostic & Imaging Instruments
Product Sub-Category	Diagnostic Imaging
Technical Details	VENUS/VENUS + Product : Mammography (Analog) Models/Ratings : MAM – VENUS / MAM – VENUS+ (3.5 / 5 kw) Series : VENUS Features : Digital display of compression parameters, Self diagnostic inter locks
ITC HS Codes	902290
Certification/ Standard	CE
Issuing Agency	---
Date of Issue	05-12-2016
Date of Expiry	
End Use Sectors	
Product Images	



### MARS 15 – 80 Product : Fixed X-Ray Systems (RAD/FLUORO) Models/Ratings : MARS – 15/30/40/50/50+/65/80 KW Series : MARS 15 – 80

Product Category	Diagnostic & Imaging Instruments
Product Sub-Category	Diagnostic Imaging
Technical Details	MARS 15 – 80 Product : Fixed X-Ray Systems (RAD/FLUORO) Models/Ratings : MARS – 15/30/40/50/50+/65/80 KW Series : MARS 15 – 80 Features : Fluoro parameters control double tube combinations with image intensifier
ITC HS Codes	902290
Certification/ Standard	CE
Issuing Agency	---
Date of Issue	05-12-2016
Date of Expiry	09-03-2018
End Use Sectors	---

## BRAND INDIA ENGINEERING E-CATALOGUE

Product Images



**MARS 3.5 – 80 Product : Fixed X-Ray Systems (RAD Only) Models/Ratings : MARS – 3.5 / 6 / 15 / 30 / 30+ / 40 / 50 / 50+ / 65 / 80  
KW Series : MARS 3.5 – 80 Features : APR, AEC (optional)**

Product Category	Diagnostic & Imaging Instruments
Product Sub-Category	Diagnostic Imaging
Technical Details	<p>Allengers MARS 3.5-80 kw series are X-ray systems with floatex (6 way movement) table, tube mounted on ceiling free stand and having a vertical bucky stand (manual/ motorized). These series of High Frequency X-ray machines are specialized models for all general Radiography applications. STANDARD FEATURES: Machine On/OFF switch Digital display of parameters Parameter increase/decrease switches Ready and X-ray ON switch with indicators Bucky selection switch Self diagnostic program with indicators for earth fault interlock, KV interlock, filament interlock and tubes thermal interlock A dual action hand switch with retractable cord for radiation protection of operator SPECIAL FEATURES: Anatomical Programme (APR) with film density control in which exposure factors Viz. KV and mAs are automatically selected depending upon the physique of the patient and part of the body to be radiographed. Inbuilt micro controller based electronic overload protection device Self diagnostic programme which ensures system check and error display, thereby improving fast fault detection Automatic Exposure Control (AEC) that enables auto selection of radiographic factors, saves time, eliminates retakes, increases diagnostic capability and lowers the radiation dose (optional). Control panel (optional): LCD-TFT with touch control as per user intended applications RELATED PRODUCTS</p>
ITC HS Codes	902290
Certification/ Standard	CE
Issuing Agency	---
Date of Issue	01-01-2017
Date of Expiry	25-01-2018
End Use Sectors	--

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**Mars 15 – 30 MARS 15 – 30 Product : Spring / Counter Balance Mobile X-ray System Model/Ratings : Mars 15 / 30 KW SBM/CBM Series : MARS Features : Compact, lightweight and easy to move with small footprints, Negligible skin dose due to lower exposure**

Product Category	Diagnostic & Imaging Instruments
Product Sub-Category	Diagnostic Imaging
Technical Details	Allengers Mars 15/30 KW mobile X-ray machines are based on HF-X-ray generation technology . These machines are most suitable for applications where ease of mobility is required in trauma cases and bed side X-Rays in hospital wards and ICU's can be taken through elevators with ease. The HF X-Ray generation technology used in these models offers the following advantages over the conventional 2 pulse technology. SPECIAL FEATURES: Elimination of motion artifacts due to lower exposure time (Excellent film quality) APR Inbuilt Power Pack – DUO PP (optional) 110 KHz generator (optional)
ITC HS Codes	902290
Certification/ Standard	CE
Issuing Agency	---
Date of Issue	01-01-2017
Date of Expiry	15-03-2018
End Use Sectors	--

## BRAND INDIA ENGINEERING E-CATALOGUE

Product Images



**MARS – 3.5 / 4.2 / 6 / 6R Product : Spring Balanced Mobile (SBM) X-Ray Systems Models/Ratings : MARS – 3.5 / 4.2 / 6 / 6R (3.5 / 4.2 / 6 KW) Series : MARS Features : Compact, lightweight and easy to move with small footprints, Negligible skin dose**

Product Category	Diagnostic & Imaging Instruments
Product Sub-Category	Diagnostic Imaging
Technical Details	Allengers Mars 3.5/ 4 .2 / 6 KW mobile X-ray machines are based on HF-X-ray generation technology . These machines are most suitable for applications where ease of mobility is required in trauma cases and bed side X-Rays in hospital wards and ICU's can be taken through elevators with ease. The HF X-Ray generation technology used in these models offers the following advantages over the conventional 2 pulse technology. SPECIAL FEATURES: Elimination of motion artifacts due to lower exposure time (Excellent film quality) 110 KHz generator (Specially introduced for MARS 4.2 KW model)
ITC HS Codes	902290
Certification/ Standard	CE
Issuing Agency	---
Date of Issue	01-01-2017
Date of Expiry	22-03-2018
End Use Sectors	---

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Product Images



**X-RAY 325 / 525 Product : Fixed X-Ray System ( RAD / FLUORO) Models/Ratings : Allengers 325/525 (300 / 500 mA) Series : Fixed X-ray 325 / 525 Features : Single / Double tube combinations with / without image intensifier, Compatible with various tab**

Product Category Diagnostic & Imaging Instruments

Product Sub-Category Diagnostic Imaging

Technical Details Allengers 325/525 are analog X-ray systems for all general purpose radiographic / fluoroscopic procedures. These systems come with various combinations of tube stands and examination tables for various user profiles and application needs of specialists. SPECIAL FEATURES: Digital Display of KVP, FmA and mAs Spot filming at all mA Stations Electronic Overload

ITC HS Codes 902290

Certification/ Standard CE

Issuing Agency ---

Date of Issue 01-01-2017

Date of Expiry

End Use Sectors

Product Images



## BRAND INDIA ENGINEERING E-CATALOGUE

**LIFE / PHOTON C80 / F80 Product : Mobile Cath Lab Models/Ratings : Life/Life+/Life HP/ Life FP (20/40/65/80 KW) Series : LIFE / PHOTON Features : These cathlabs are designed to simplify Cath Lab workflow, which can empower to focus on patients and**

Product Category Others-Category

Product Sub-Category CARDIOLOGY

Technical Details Allengers Life / Photon are mobile Cath Labs having advanced high-definition digital image acquisition, processing and review system encompassing multiple applications in one system. Dedicated to improving the quality of life by providing state-of-the-art cardiology services, on Allengers Life Series, one can perform heart catheterizations and peripheral vascular imaging. SPECIAL FEATURES: Ceiling mounted arrangement of Monitors. AFD display for LAO/RAO, CRA/CAU positioning. Axis (longitudinal/ transverse/ up & down travels) floating top table with carbon fiber top. High contrast medical grade monitors (optional)

ITC HS Codes 902290

Certification/ Standard ISO 13485

Issuing Agency ---

Date of Issue 01-01-2017

Date of Expiry

End Use Sectors

Product Images



**ALTIMA C80 - C100 / F80 - F100 Product : Fixed Cath Lab Models/Ratings : Pride / Pride HP (80 / 100 KW) Series : ALTIMA Features : Modular generator, fully motorized movements, non contact proximal sensor based anti collision and preview collimation**

Product Category Others-Category

Product Sub-Category CARDIOLOGY

Technical Details Allengers- Altima uses state-of-the-art digital Technology for superb performance, improved reliability, ease of use to meet the expectations of Cardiologists to give a single solution for Cardiac and Vascular imaging. SPECIAL FEATURES: Direct Digital Image Formation Distortion Free uniform image 1K X 1K or higher resolution RADshield for radiation protection

ITC HS Codes 902290

## BRAND INDIA ENGINEERING E-CATALOGUE

Certification/ Standard	CE
Issuing Agency	---
Date of Issue	01-01-2017
Date of Expiry	
End Use Sectors	
Product Images	



**GEMINI Product : Tread Mill Test (TMT) System Models/Ratings : GEMINI A-DX / A-WL / A-DX-AM Series : GEMINI Features : De-Fib protection, direct USB 2.0 and inbuilt resting ECG software.**

Product Category	Others-Category
Product Sub-Category	CARDIOLOGY
Technical Details	Allengers' Gemini Series of stress test systems are designed using state-of-the-art technology and more than 20 years of experience in design and manufacturing of medical equipment. Sturdy, in-house designed treadmill and stable base line during stress test are highlights of Allengers' TMT. SPECIAL FEATURES: User-friendly operation and patient safety are incorporated in design. USB interface enables the equipment to be used with any desktop/laptop computer. Light-weight, small body level acquisition removes the artifacts due to patient motion using small lead lengths (optional feature). "Emergency stop" is provided to stop treadmill motion in case of emergency. Duke score interpretation Bandwidth 0.05 – 150 Hz USB 2.0 ready Editable protocols Online printing Strong analysis tools with different display types PVC detection RR analysis ECG add on Activity log
ITC HS Codes	902290
Certification/ Standard	ISO 13485
Issuing Agency	---
Date of Issue	01-01-2017
Date of Expiry	20-03-2018
End Use Sectors	--

## BRAND INDIA ENGINEERING E-CATALOGUE

Product Images



**LIBRA / LIBRA PLUS Product : Multi Para Monitor (MPM) Models/Ratings : LIBRA / LIBRA PLUS – 105, 106, 107,125,126,127**  
**Series : LIBRA / LIBRA PLUS Features : External VGA connectivity, user friendly software, compatible with Allengers CMS (Central M)**

Product Category

Others-Category

Product Sub-Category

CARDIOLOGY

Technical Details

**SPECIAL FEATURES:** 10.4" TFT large screen for better visibility. Configurable wave form display. Direct key operation for all important functions. Design suitable for transit monitoring. Adult, pediatric and neonate applications. Field upgradable to dual IBP & EtCO2 User-friendly. Ease of operation. Optional – DUAL IBP, ETCO2 and Thermal Printer/Touch Screen

ITC HS Codes

902290

Certification/ Standard

ISO 13485

Issuing Agency

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Date of Issue

01-01-2017

Date of Expiry

End Use Sectors

Product Images





## BRAND INDIA ENGINEERING E-CATALOGUE

**PISCES 103I Product : Electrocardiograph (ECG) Models/Ratings : PISCES A – 103i Series : PISCES 103i Features : Touch Screen with full alphanumerical key board, 3 + 1, 6/2 both printing format, Reliable interpretation from Glasgow from U.K, Storage**

Product Category

Others-Category

Product Sub-Category

CARDIOLOGY

Technical Details

**SALIENT FEATURES:** 12 leads simultaneous acquisition to get accurate ECG measurements and ECG on the screen helps to check the ECG signal quality before printing. Full alphanumeric keyboard with shortcut keys and also 5 inch touch screen. Highly informative print out on thermal paper will all 12 leads and one selectable rhythm lead. Battery backup of more than 100 ECG printouts on thermal paper, which provide ease during mobility of machine inside or outside the hospital. Selectable long lead helps in identification of any type of arrhythmia/ abnormalities. Selectable long lead and screen color. Various indications on LCD display, "PAPER EMPTY", "BATTERY STATUS" and "LEAD OFF". Versatile recording modes auto, manual, recording of 3.5 sec, 5 sec. Reliable, s tested interpretation from Glasgow, U.K. Wide printer size of 106 mm to fit all leads properly without overlapping of ECG.

ITC HS Codes

902290

Certification/ Standard

ISO 13485

Issuing Agency

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Date of Issue

01-01-2017

Date of Expiry

End Use Sectors

Product Images



**UROLITH + Product : C-Arm Compatible ESWL Models/Ratings : UROLITH+ Series : UROLITH+ Features : The Urolith+ can be latched very easily with C-Arm**

Product Category

Others-Category

Product Sub-Category

UROLOGY

## BRAND INDIA ENGINEERING E-CATALOGUE

### Technical Details

Allengers UROLITH+, an Extra corporeal Shock Wave Lithotripsy – commonly called ESWL or Lithotripsy – is a safe, effective and easy non-invasive procedure for kidney stones. High energy shock waves are used to pulverize the kidney stones into sand-like particles, which the body eliminates through the urinary tract. **SPECIAL FEATURES:** Safe and effective. Performed as an outpatient procedure. Non-invasive, so there is no risk of infection, bleeding or pain. Proven effectiveness – millions successfully treated worldwide. Fully compatible with Allengers High Frequency C-Arms making a perfect combination. No special infra structural requirement. Easy installation in small clinics and the Urology Deptt. of large hospitals.

ITC HS Codes	902290
Certification/ Standard	CE
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Date of Issue	01-01-2017
Date of Expiry	
End Use Sectors	
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**VIRGO Product : Electroencephalograph (EEG) Models/Ratings : VIRGO – 24/32/40 Series : VIRGO Features : Due to portability easy to use in ICU/ Bed side. Light weight and compact amplifier. USB 2.0 interface. Synchronized high resolution MPEG-4 vide**

Product Category	Others-Category
Product Sub-Category	NEUROLOGY

### Technical Details

Allengers Virgo series of EEG test systems are designed using state-of-the-art technology and Recording and monitoring of electrical activities of brain and to investigate and locate seizure origin. Advanced digital signal processing and brain mapping techniques are highlights of Allengers EEG. **SPECIAL FEATURES:** Facility to send EEG data through e-mail. Light weight and compact amplifier comfortable for adults and children. USB 2.0/ ethernet interface enables Desktop or laptop based acquisition stations. Synchronized high-resolution MPEG-4 video. Flexible Photic Stimulator based on high intensity LEDs. Integrated Impedance Check for electrode Connectivity. Unlimited no. of Montages. Unlimited continuous recording along with video (optional). Inbuilt EDF (European Data Format) converter. Facility to record Video EEG in media player format for presentations. Draws power from laptop USB Port; no need of external supply.

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ITC HS Codes	902290
Certification/ Standard	ISO 13485
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Date of Issue	01-01-2017
Date of Expiry	
End Use Sectors	
Product Images	



**SCORPIO Product : Electromyograph (EMG) Ratings : SCORPIO – 2/4 Series : SCORPIO Features : Capable to perform EMG / EP / NCS studies Easy to change EMG, NCS and EP test by single click. Display of current on shock stimulator. Compatible with TDS 3**

Product Category	Others-Category
Product Sub-Category	NEUROLOGY
Technical Details	

Allengers Scorpio Series of EMG, EP test system are designed using state-of-the-art technology for Innovation of using computer technology to record the EMG, EP and NCS has brought diagnostic neurology to the edge of the 21st century finding diseases that damage muscle tissue, nerves, or the junctions between nerve and muscle (neuromuscular junctions). SPECIAL FEATURES: Large amount of EMG data can be stored, reviewed and replayed with audio. Sweep speed and sensitivity can be changed after acquisition. Screen separator for viewing M and F or H waves side by side, with separate sensitivities. Display of current on shock stimulator. Patient isolation for patient safety provided by optically isolating acquisition module from input box. 14 different check sizes which can be viewed for visual stimulation. LED goggles and Flash stimulators. User definable maker names. Individual setting for all nerves. Double buffered averaging for easy understanding of EP replication. Auto protocol of BERA test where you can define intensities for different traces. Tones/Envelopes stimulation for different audio tests such as LLR, MLR, P-300. Facility of selecting dB in NHL or SPL.

ITC HS Codes	902290
Certification/ Standard	ISO 13485
Issuing Agency	---
Date of Issue	01-01-2017

## BRAND INDIA ENGINEERING E-CATALOGUE

Date of Expiry  
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Product Images



**VIRGO SL Product : Polysomnograph (PSG) Model/Ratings : Virgo SL 32/40 Series : Virgo SL Features : C-PAP and Bi-PAP interfacing, Sleep staging option for adult and pediatrics facility to export data to PDF**

Product Category	Others-Category
Product Sub-Category	NEUROLOGY
Technical Details	Allengers VIRGO Series of Polysomnography (PSG) are sleep study systems to meet the need for sleep and neurological diagnostic recording. FEATURES C-PAP and Bi-PAP interfacing Sleep staging option for adult and pediatrics Facility to export data to PDF Remote monitoring Dedicated hardware Light weight and compact amplifier comfortable for adult and children Ethernet enabled, i.e. monitors & record data remotely over the LAN or any TCP/IP network USB 2.0/ Ethernet enables desktop or laptop based acquisition stations Synchronized high-resolution MPEG-4 video Integrated flash card drive to enable long term data storage Options of upgrading to future operating systems also available
ITC HS Codes	902290
Certification/ Standard	ISO 13485
Issuing Agency	---
Date of Issue	01-01-2017
Date of Expiry	31-12-2017
End Use Sectors	--

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**ROLL SCAN Product : C-Arm Image Intensifier (Modular) Models/Ratings : HF 59R – 6 / 15 KW Series : Roll Scan Features : 50 KHz HF generator (less skin dose), Powered by 1K x 1K imaging system, High quality – superb images, LCD display.**

Product Category

Patient Aids and others

Product Sub-Category

Orthopedics & prosthesis

Technical Details

Allengers RollScan series of HF C-Arm are known for their Actuator assisted C-Arm with foldable monitors mounted on modular trolley. Image processing software with real time image capturing, storage and display in 1K X 1K format. More than 10,000 images storage capacity in 1K X 1K format. CCD Camera with a progressive scan sensor of 2/3" of 1K X 1K medical grade with auto IRIS and ND filter. DICOM compatible (DICOM 3.0). Software collimator.

ITC HS Codes

902290

Certification/ Standard

CE

Issuing Agency

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Date of Issue

01-01-2017

Date of Expiry

End Use Sectors

Product Images



## BRAND INDIA ENGINEERING E-CATALOGUE

**ROLL SCAN MONO Product : Trolley Free C-Arm Image Intensifier Models/Ratings : HF 59R – 6 / 15 KW Series : Roll Scan Features : 50 KHz HF generator (less skin dose), Powered by 1K x 1K imaging system, High quality – superb images, LCD display.**

Product Category	Patient Aids and others
Product Sub-Category	Orthopedics & prosthesis
Technical Details	Allengers RollScan mono series of HF C-Arm are known for their fully integrated design (Trolley Free) where the monitors are mounted on the C-Arm carriage itself thus enabling ease of shifting and operating. SPECIAL FEATURES 3rd Monitor for additional viewing by the technician / operator. Image processing software with real time image capturing, storage and display in 1K X 1K format. More than 10,000 images storage capacity in 1K X 1K format. CCD Camera with a progressive scan sensor of 2/3" of 1K X 1K medical grade with auto IRIS and ND filter. DICOM compatible (DICOM 3.0).Software collimator.
ITC HS Codes	902290
Certification/ Standard	CE
Issuing Agency	---
Date of Issue	01-01-2017
Date of Expiry	
End Use Sectors	
Product Images	



**MEGA PIXEL Product : C-Arm Image Intensifier (Modular) Models/Ratings : HF59R (6 / 15 KW) Series : MEGA PIXEL Features : Powered by 1K x 1K imaging system, Actuator assisted C-Arm with LCD display and modular trolley with fold-able monitors, Emerge**

Product Category	Patient Aids and others
Product Sub-Category	Orthopedics & prosthesis

## BRAND INDIA ENGINEERING E-CATALOGUE

### Technical Details

Besides the fact that they work as great as they look, these models of Allengers (HF 59 R) are loaded with multifunctional features for diverse application needs. SPECIAL FEATURES: HF-59 POWERED BY 1K X 1K IMAGING SYSTEM: Specialized Synergy\_CCD platform User preference: customized user selectable imaging parameters. Image processing software with real time image capturing, storage and display in 1K X 1K format. More than 1,00,000 images storage capacity in 1K X 1K format. DICOM compatible (DICOM 3.0). Software collimator. Larger SID : Advantage surgeons get more space and can easily perform the surgery

ITC HS Codes

902290

Certification/ Standard

CE

Issuing Agency

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Date of Issue

01-01-2017

Date of Expiry

End Use Sectors

Product Images



**LDHD Product : C-Arm Image Intensifier (Modular) Models/Ratings : HF 59/HF59R (3.5 / 6 KW) Series : LDHD Features : Powered by Green Image (LDHD) imaging memory, Actuator assisted C-Arm with LCD display and modular trolley with fold-able monitors, Eme**

Product Category

Patient Aids and others

Product Sub-Category

Orthopedics & prosthesis

Technical Details

Besides the fact that they work as great as they look, these models of Allengers (HF 59/ 59 R) are loaded with multifunctional features for diverse application needs. SPECIAL FEATURES: HF-59 POWERED BY GREEN IMAGE – LDHD (LOW DOSE HIGH DEFINITION) IMAGING SYSTEM: Offset and gain adjustment for improved image quality. More than 50,000 images storage capacity. Automatic capture and storage of cine loop with cine foot switch. Pulsed fluoroscopy. Printing options in different formats. High resolution compact CCD camera (1/2" size). Larger SID : Advantage surgeons get more space and can easily perform the surgery.

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Issuing Agency ---  
Date of Issue 01-01-2017  
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End Use Sectors  
Product Images



**IMAGE PLUS Product : C-Arm Image Intensifier Models/Ratings : HF 49 / HF49R (3.5 / 6 KW) Series : Image Plus Features : Image Plus comes with 100F memory for easy operation (DIP – IQ memory optional), Emergency exposure, etc.**

Product Category Patient Aids and others  
Product Sub-Category Orthopedics & prosthesis  
Technical Details Allengers series of HF C-Arms are specialized model with 50 KHz high frequency generator and High Resolution monitors for optimum imaging results at low radiation. SPECIAL FEATURES 50 KHz generator with higher frequency yielding better image quality with less skin dose and lower ripple levels. High resolution monitors. Anatomical Program (APR) for radiography of 4 body parts (upto 8 programs)  
ITC HS Codes 902290  
Certification/ Standard CE  
Issuing Agency ---  
Date of Issue 22-01-2017  
Date of Expiry 31-12-2017  
End Use Sectors --



**BRAND INDIA ENGINEERING  
E-CATALOGUE**

Product Images



**HF49 / HF49R Product : C-Arm Image Intensifier Models/Ratings : HF 49/ HF 49R (3.5 / 6 KW) Series : HF49 / HF49R Features :  
Emergency exposure, DIP – IQ / 100F Memory**

Product Category	Patient Aids and others
Product Sub-Category	Orthopedics & prosthesis
Technical Details	Allengers high frequency C-Arm's are incorporated using the latest stae-of-the-art "High Frequency Technology (40 KHz)", in which there is minimal production of non useful/harmful X-Rays. INNOVATIVE FEATURES INCLUDE Self diagnostic program to cut the service downtime of equipment Back-up circuitry for enhanced performance and reliability Feature touch control panel for ease of operation and disinfection Automatic Brightness Stabilizer (ABS)- to enable one to see the best image Thermal Safety of tube head monoblock Full compatibility with ESWL Iris collimator with/without parallel shutter (Optional) Laser centering device (Optional) Dose arena product meter (optional) After sale service- lightning response with a solution
ITC HS Codes	902290
Certification/ Standard	CE
Issuing Agency	---
Date of Issue	01-01-2017
Date of Expiry	31-12-2017
End Use Sectors	--

**BRAND INDIA ENGINEERING  
E-CATALOGUE**

Product Images



**MEGA PIXEL Product : C-Arm Image Intensifier (Modular) Models/Ratings : HF59R (6 / 15 KW) Series : MEGA PIXEL Features : Powered by 1K x 1K imaging system, Actuator assisted C-Arm with LCD display and modular trolley with fold-able monitors, Emergen**

Product Category

Others-Category

Product Sub-Category

GASTROENTEROLOGY

Technical Details

Besides the fact that they work as great as they look, these models of Allengers (HF 59 R) are loaded with multifunctional features for diverse application needs. SPECIAL FEATURES: HF-59 POWERED BY 1K X 1K IMAGING SYSTEM: Specialized Synergy\_CCD platform User preference: customized user selectable imaging parameters. Image processing software with real time image capturing, storage and display in 1K X 1K format. More than 1,00,000 images storage capacity in 1K X 1K format. DICOM compatible (DICOM 3.0). Software collimator. Larger SID : Advantage surgeons get more space and can easily perform the surgery.

ITC HS Codes

902290

Certification/ Standard

CE

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Date of Issue

01-01-2017

Date of Expiry

31-12-2017

End Use Sectors

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**BRAND INDIA ENGINEERING  
E-CATALOGUE**

Product Images



**LDHD Product : C-Arm Image Intensifier (Modular) Models/Ratings : HF 59/HF59R (3.5 / 6 KW) Series : LDHD Features : Powered by Green Image (LDHD) imaging memory, Actuator assisted C-Arm with LCD display and modular trolley with fold-able monitors, Eme**

Product Category

Others-Category

Product Sub-Category

GASTROENTROLOGY

Technical Details

Besides the fact that they work as great as they look, these models of Allengers (HF 59/ 59 R) are loaded with multifunctional features for diverse application needs. SPECIAL FEATURES: HF-59 POWERED BY GREEN IMAGE – LDHD (LOW DOSE HIGH DEFINITION) IMAGING SYSTEM: Offset and gain adjustment for improved image quality. More than 50,000 images storage capacity. Automatic capture and storage of cine loop with cine foot switch. Pulsed fluoroscopy. Printing options in different formats. High resolution compact CCD camera (1/2" size). Larger SID : Advantage surgeons get more space and can easily perform the surgery.

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End Use Sectors

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## BRAND INDIA ENGINEERING E-CATALOGUE

Product Images



Sectors of Interest

MEDICAL DAIGNOSTIC EQUIPMENTS

Is After Sales Service Provider?

Yes

Importance of niche products

Potential market of niche products

Product Supply Record

Patented Technologies

Awards/Accolades