

# SHRI SAI MEDICAL SERVICES

Office- 606/607, 6thFloor, Roongta Supremus Apartment,  
Near Chandak Circle, Kute Marg, Mumbai Naka,Nashik-  
422002.

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AMSL/PUNE/24-25/0389

Dated: 30/09/2025

To,  
Rotary Club Of Nashik  
Nashik

## QUOTATION

COMBINATION	MARS 15/DIGIX - ECO PLUS/GEN 15KW/FLAT PANEL DETECTOR/RA /42KW /125KV /1 TUBE/STAND DIGIX ECO PLUS /MOBIT/CABLE H.V 8MTR
MODEL	MARS 15 ASSURE VERSION – 9
MACHINE TYPE	DIGITAL RADIOGRAPHY
SERIES	DIGIX- ECOPLUS
MANUFACTURING CODE	REGULAR

## TECHNICAL SPECIFICATIONS

MARS 15	A 15 KW DR machine is specifically designed for all aspects of general X-Ray imaging and operating at a <i>High Frequency of 50KHz</i> for highly efficient X-ray production and superb image quality. The <i>Integrated Design</i> of the machine allows the operator to acquire X-ray Images very conveniently.
<b>X-RAY GENERATOR</b>	
Type	<i>IntegraX</i> (Micro Controller based Computer Controlled <i>High Frequency</i> Generator)
Generator Frequency	50 KHz
Power Output	15 KW
KV Range	40 KV to 125 KV in 1 KV /Step
Maximum mA	250 mA
mAs range	1mAs to 200mAs
<b>X-RAY and IMAGE CONTROL</b>	<b>Fully integrated system with following features:</b>
<b>CONSOLE</b>	<ul style="list-style-type: none"><li>- Digital Display of KV &amp;mAs.</li><li>- KV &amp;mAs increase and decrease control.</li><li>- Ready and X-Ray ON indication</li></ul>

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	<ul style="list-style-type: none"> <li>- Self-diagnostic Program which can diagnose and display faults such KV error, Filament error &amp; Tube's Thermal Overload.</li> <li>- Anatomical Programming Radiography (i.e. APR) is provided in which X-Ray Parameters (KV and mAs) are automatically selected depending upon the physique of the patient and part of the body to be X-Rayed. Since it is a computer-based system (full system integration) so any number of organ programming combinations is possible. User can define his own organ parameters and can edit the existing parameters to his satisfaction and comfort level.</li> <li>- APR programs: More than 200 programs.</li> <li>- 2-Step Hand switch with retractable cord for initiating the exposure from a safe distance.</li> <li>- Emergency control console box with Emergency Switch for shutting off the machine in case of emergency.</li> </ul>
<b>X-RAY TUBE</b>	<ul style="list-style-type: none"> <li>- Anode Type: Rotating Anode</li> <li>- Small focal spot: 1.0 mm</li> <li>- Large focal spot: 2.0 mm</li> <li>- Anode heat storage capacity: 140 KHU</li> </ul>
<b>H.V. CABLE</b>	One pair of 8 meter long H.V. cable compatible with the X-Ray tube.
<b>COLLIMATOR</b>	Geared manual L.B.D. (light beam diaphragm) with LED light source for higher luminosity and lower electrical consumption.
<b>IMAGE ACQUISITION SOFTWARE</b>	
Software provides complete control of all image capture functions within the examination room. It enhances the entire workflow by delivering diagnostic images instantly. It also allows user to transfer X-Ray images electronically to remote workstations, image archives, and printers, also has an excellent performance on image quality control such as:	
Outstanding Image Quality	<ul style="list-style-type: none"> <li>- Digital image processing technology.</li> <li>- Exam specific algorithms image processing</li> </ul>
Shorter Patient's Waiting Time	<ul style="list-style-type: none"> <li>- Instantaneous acquisition of image</li> <li>- Dedicated firmware/software for quick image processing</li> </ul>
Dose Reduction	<ul style="list-style-type: none"> <li>- Advanced noise reduction technology and optimized image calibration technology which minimizes radiation dose.</li> </ul>
Image processing	<ul style="list-style-type: none"> <li>- Image processing tools for different anatomy</li> <li>- Image storage &gt;10,000 Images</li> <li>- Image cropping (can be done automatically according to configuration)</li> <li>- Image mirror, rotate (can be done automatically according to configuration)</li> <li>- Add image accept/reject comments</li> <li>- True size for printing with Multiple printing formats</li> </ul>
Excellent Maintainability	<ul style="list-style-type: none"> <li>- Remote online system diagnosis</li> <li>- Remote online software upgrade</li> <li>- Image quality control tools</li> </ul>

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Full DICOM 3.0 Compatibility	<ul style="list-style-type: none"> <li>- DICOM work list</li> <li>- Support DICOM image print</li> <li>- DICOM Store</li> <li>- Support DICOM MPPS</li> </ul>
Monitor	<ul style="list-style-type: none"> <li>- One 22" LCD coloured monitor</li> </ul>
<b>FLAT PANEL DETECTOR</b>	<p>Type: Wi-fi Portable</p> <ul style="list-style-type: none"> <li>- Conversion screen/ Scintillator - Cesium Iodide (CsI)</li> <li>- Size: 43 cm x 43 cm</li> <li>- Pixel pitch: 139µm</li> <li>- Limiting Resolution: 3.6 lp/mm</li> <li>- Pixel Matrix: 3K x 3K</li> <li>- A/D conversion: 16 Bit</li> <li>- DQE :-66%</li> </ul>
<b>STANDS</b>	<p><b>Tube Stand and the Detector Stand are Integrated on the same Floor Rail</b></p> <p><b>Tube Stand:</b></p> <ul style="list-style-type: none"> <li>- Up/Down movement of Tube Head :1330mm</li> <li>- Longitudinal movement: 1900mm</li> <li>- Height of tube stand: 2176 mm</li> <li>- Tube Head rotation movement: ±180°.</li> <li>- Transverse movement of telescopic tube: +/-105 mm wrt to detector centre.</li> </ul> <p><b>Detector Stand:</b></p> <ul style="list-style-type: none"> <li>- Height of the detector stand: 2153 mm</li> <li>- Maximum scan area:&gt;1700 mm</li> <li>- Up /down movement of Panel Detector: 1330mm</li> <li>- Rotational movement of bucky: 0o to 90o</li> <li>- Longitudinal Movement: 1900 mm</li> <li>- Removable grid: Provided</li> </ul>
<b>MobiT TABLE</b>	<ul style="list-style-type: none"> <li>- Length of tabletop: 2000 mm</li> <li>- Width of tabletop: 660 mm</li> <li>- Tabletop material: Bakelite</li> <li>- Load carrying capacity: 200 KG</li> <li>- Table height from floor: 721mm</li> </ul>
<b>POWER SUPPLY REQUIREMENTS</b>	3 Phase, 400 ± 10% VAC with independent earthing.
<b>UPS</b>	Suitable rating UPS for power back of acquisition software system is provided

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## PRICE DETAILS

COMBINATION	<u>MARS 15 DIGIX ECO PLUS</u> MARS 15/DIGX - ECO PLUS/GEN 15KW/FLAT PANEL DETECTOR/RA /42KW /125KV /1 TUBE/STAND DIGIX ECO PLUS /MOBIT/CABLE H.V 8MTR
Price	Rs. 18,50,000/- inclusive GST @ 5%  (Rs. Eighteen Lakh Fifty Thousand only inclusive of GST @ 5%)

**Note: Standard one year warranty and Four Year CMC including on above price.**

Thanking you.

Yours faithfully,

**SHRI SAI MEDICAL SERVICES.**

**(AUTHORISED SIGNATORY)**

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## TERMS AND CONDITIONS

### 1. VALIDITY:

The price quoted is valid for 90 days from the date of quotation. The purchase order is valid for 365 days from the issuance date. In case of further extension, an additional 25% advance of the order value is required to hold the order, else existing advance will be forfeited.

### 2. SCOPE:

The scope of supply and other terms and conditions of this contract shall be strictly governed by supplier's offer and written acknowledgement of purchaser's order. Purchaser shall be deemed to have understood and accepted these conditions. In case of ambiguity, supplier's interpretation shall be final.

### 3. TAXES AND LEVIES:

Price quoted is inclusive of taxes. At present, GST on medical equipment is 12%. Any change in GST at the time of dispatch will be charged as per actual.

### 4. TAX COLLECTION AT SOURCE (TCS):

Under Section 206C(1H) of Income Tax Act, 1961, TCS shall be charged extra when sales exceed ₹50 lakh in a year. PAN number is mandatory. TCS will be applicable at prevailing rates.

### 5. ORDER ACCEPTANCE:

Acceptance of advance is not acceptance of order. Advance amount earns no interest.

### 6. PAYMENT TERMS:

50% of order value as advance and balance 50% prior to dispatch. Payments not made within 15 days will attract 18% p.a. interest.

### 7. AERB REQUIREMENTS:

It is mandatory to obtain AERB License/Registration through e-LORA before installation. Decommissioning of old machines will be handled only by our engineers.

### 8. DELIVERY:

Delivery period is 8–10 weeks from clear order and procurement permission from AERB. LD charges (if any) will be calculated accordingly.

### 9. ORDER CANCELLATION:

If cancelled, 10% of machine cost will be charged. If goods dispatched, customer must also bear taxes, transport, insurance, and damage costs.

### 10. INSURANCE:

Prices are inclusive of transit insurance valid till arrival. Purchaser must report damages within 24 hours. Supplier not responsible after expiry of insurance cover.

### 11. SITE READINESS:

Customer is responsible for preparing site as per supplier's recommendation before dispatch.

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## 12. OPERATIONAL REQUIREMENTS:

Purchaser must ensure site readiness, power supply, approvals, and environmental conditions. Failure may void warranty/CMC. Conditions: Humidity  $\leq 75\%$  RH ( $\leq 50\%$  for Cathlab), Temperature 10–35°C, Pressure 70–110 KPa. Stabilized power supply is mandatory.

## 13. WARRANTY/CMC:

12 months warranty from installation or 15 months from invoice (except Vaccumatic parts). Pro-rata warranty on tubes/FPD. Exclusions include mishandling, voltage fluctuations, unauthorized repairs, wear & tear, etc. CMC available after warranty as per policy.

## 14. INDEMNIFICATION:

Purchaser shall indemnify supplier from all claims, costs, and liabilities arising from breach of obligations under this contract.

## 15. LIABILITY:

Company is not liable for incidents due to usage/performance of equipment.

## 16. FORCE MAJEURE:

Supplier not liable for delays due to events beyond control (war, natural disasters, strikes, epidemics, power cuts, etc.).

## 17. INTELLECTUAL PROPERTY RIGHTS:

Software, technical know-how, and manuals remain property of supplier. Purchaser shall not infringe supplier's rights.

## 18. DISPUTE RESOLUTION:

Disputes shall be resolved by arbitration as per Arbitration and Conciliation Act, 1996. Seat: Chandigarh. Language: English. Courts at Chandigarh shall have jurisdiction.

Thanking you

(Customer's Signature and Stamp)