

QUALITY REFLECTED IN EVERY DETAIL



VISION 500



SUPERIOR RADIOGRAPHY SYSTEMS



Vision 500 machines have been designed to meet your radiography, fluoroscopy, spot filming, and special procedures.

Vision 500 are also suitable for image intensifier/ DR systems, making them ideal for all applications, procedures, and investigations.

The image quality and contrast are impressive to make the best clinical decision.



WELL SUITED FOR INDIVIDUAL CLINICS, POLYCLINICS, NURSING HOMES & CORPORATE HOSPITALS



THE MACHINES PROMISE TO MEET YOUR COMPLETE REQUIREMENTS AND ARE EASY TO OPERATE WITH HEAVY SCHEDULES.



**VISION MEDICAID EQUIPMENTS PVT. LTD.(NEAR VIPUL PLASTOCRAFT, OPP-Z P PRIMARY SCHOOL, TATHAWADE, PUNE-33
WEBSITE : WWW.VISIONXRAY.COM**

PRODUCT DATASHEET

Radiography System

VISION 500



SERVING WITH EXCELLENCE

Generator

Generator Type	40KW-125KVp Ultra High Frequency
Technology	New Generation compact HV Tank, Solid State X-Ray Generator
High Frequency	300KHz
Power	40KW
Control	Microprocessor
KV Range	40-125KVp
KV increment	1KV increment
Radio mA Range	400mA @100KVp, 500mA @ 80KVp
Fluoro mA Range	0.1 – 3 mA (optional)
mAs Range	0.1 – 500mAs
Timer	1ms – 10 sec
A.E.C.	3 Chamber A.E.C. (Optional)
A.E.C. Selection	Field, Speed and Density (optional)
Voltage compensation	Automatic Voltage Compensator with indicator
Safety	Overload Protection

X-Ray Tube (Canon)

Type	Rotating Anode Dual Focus
Anode Heat Storage	140KHU
Focal Spot	1mm ² and 2mm ²
Anode input power	22kW (small) / 40kW (large)
HV Cable	Multi-leaf Collimator with LED lamp, Light Auto shut provision.
HV Tank	One pair of HV cable (length as per installation requirement) HV Tank filled with high dielectric transformer oil. Contains HV Transformer, Filament Transformer, HV Rectifier & cable Receptacles

Control Panel (Floor or Wall mount Design)

Control Panel	Touch Screen LCD Display with GUI, Micro-controller based panel
Display size	8 inch
Exposure Technique	Three Point (kV, mA, ms), Two Point (kV, mAs), One Point (kV)
Parameters control & display on Touch screen LCD	Exposure Technique selection, Increase & Decrease (kV, mA, ms, mAs), selection (A.P.R., AEC Fields/chambers, AEC Speed, AEC density), Bucky selections switch with indicator for Table Bucky, Vertical Bucky and without Bucky, Status display, Error message display. Double Action Handswitch with retractable cord.
Controls	Machine ON/OFF, RESET, X-Ray ON switch with indicators
A.P.R.	>250 APR Programs, user editable & configurable
Self-Diagnostic program	Easy readout error code on LCD display e.g. KV, filament, Thermal etc

Table (4-Way)

Type	Horizontal table with floating tabletop (4-way) made of low radiation absorption & waterproof C.F. material, Foot control switches.
Table Top	Floating table top, size 220cm x 80cm, height 715mm
Movement	Longitudinal: 80cm, Transverse: 25cm
Control	Foot control, Electromagnetic locking,
Bucky	Motorized Oscillating Bucky, covers entire length of table Size 17 1/4" x 18 7/8", Grid ratio 10:1, Density: 103 lines/inch
Lock	Electromagnetic locking
Accessories	Stainless steel cassette tray, Cassette size upto 14"x17"
Capacity	300Kg Patient weight bearing capacity

Vertical Bucky Stand

Type	Floor mount/Wall mount, Counterweight balanced
Vertical Travel	1370mm, Travel Up & Down. Removable Grid.
Bucky	Size 17 1/4" x 18 7/8", Grid ratio 10:1, Density: 103 lines/inch

PRODUCT DATASHEET

Radiography System

VISION 500



SERVING WITH EXCELLENCE

Lock Electromagnetic locking
 Accessories Stainless steel cassette tray for cassette upto 14"x17", Chest std.
 Material Light weight, Rust Free, Corrosion resistant, material- Aluminium

Tube Stand

Type Ceiling Free or Floor to Ceiling Tube Stand, Counter balanced, mounted on floor rails, Noiseless operation & swift up/down manual movement of tube. Electromagnetic brakes
 Movement Longitudinal 240cm, Vertical 150cm
 Rotation Tubehead 180° ,Column 360°
 Control Tubehead Mounted (optional)
 Locks Electromagnetic locking
 Material Light weight, Rust Free, Corrosion resistant, material-Aluminium

Accessories

As per demand, costs extra
 Radiation Protection Acc As per demand, costs extra
 UPS/Stabilizer/other Acc As per demand, costs extra

Electrical & Environmental

Mains Three phase 440 V_{AC}, ± 10%, Frequency 50 Hz, 16A, Line Res. 0.4Ω
 Operating Conditions Ambient Temp 5-50°C , Relative Humidity 15-80%
 Storage Conditions Ambient Temp 0-50°C , Relative Humidity 15-90%

World Class Product Support

Our greatest strength is our world class reputation for customer support.

A dedicated support team is only a phone call away at

Toll Free No. 18002709694

The Company reserves the right to make changes in specifications and features shown herein or discontinue the product described at any time without notice or obligation.



A/102,H- Block, MIDC, Pimpri,
 Pune-411018. Ph No. 020- 27472323
 Toll Free No. 18002709694
 e-mail:- sales@visionxray.com,
 response@visionxray.com
Website:- www.visionxray.com