

**ELESONIC**

Helping Make Lives Better  
An ISO 9001:2015, ISO 13485:2016 & CE Certified Company

DEALER STAMP

**ELESONIC**

Manufactured & Marketed by:

**Elesonic Healthcare Private Limited**

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Elemac Products Marketed Within India & World Wide By

**Elesonic Technologies Private Limited**

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ISO : 9001 : 2015 CERTIFIED

ISO : 13485 : 2016 CERTIFIED

CE CERTIFIED

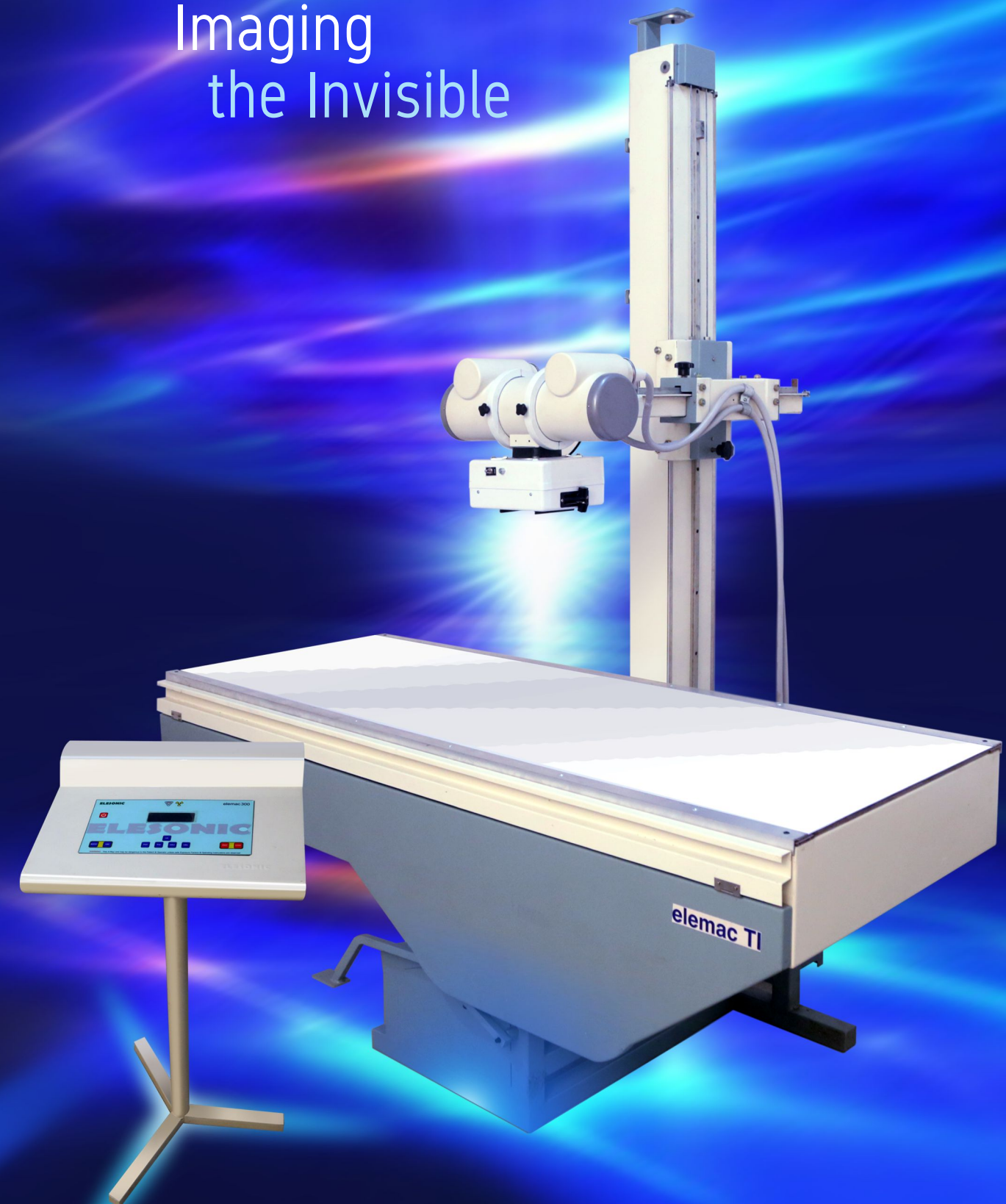


*Elesonic Healthcare Private Limited reserves the right to change any specification at any point of time due to constant R&D.*

**ELESONIC**<sup>TM</sup>  
Helping Make Lives Better

[www.elesonic.co.in](http://www.elesonic.co.in)

Imaging  
the Invisible





## “One Picture Worth Ten Thousand Words.” ~ Chinese Proverb

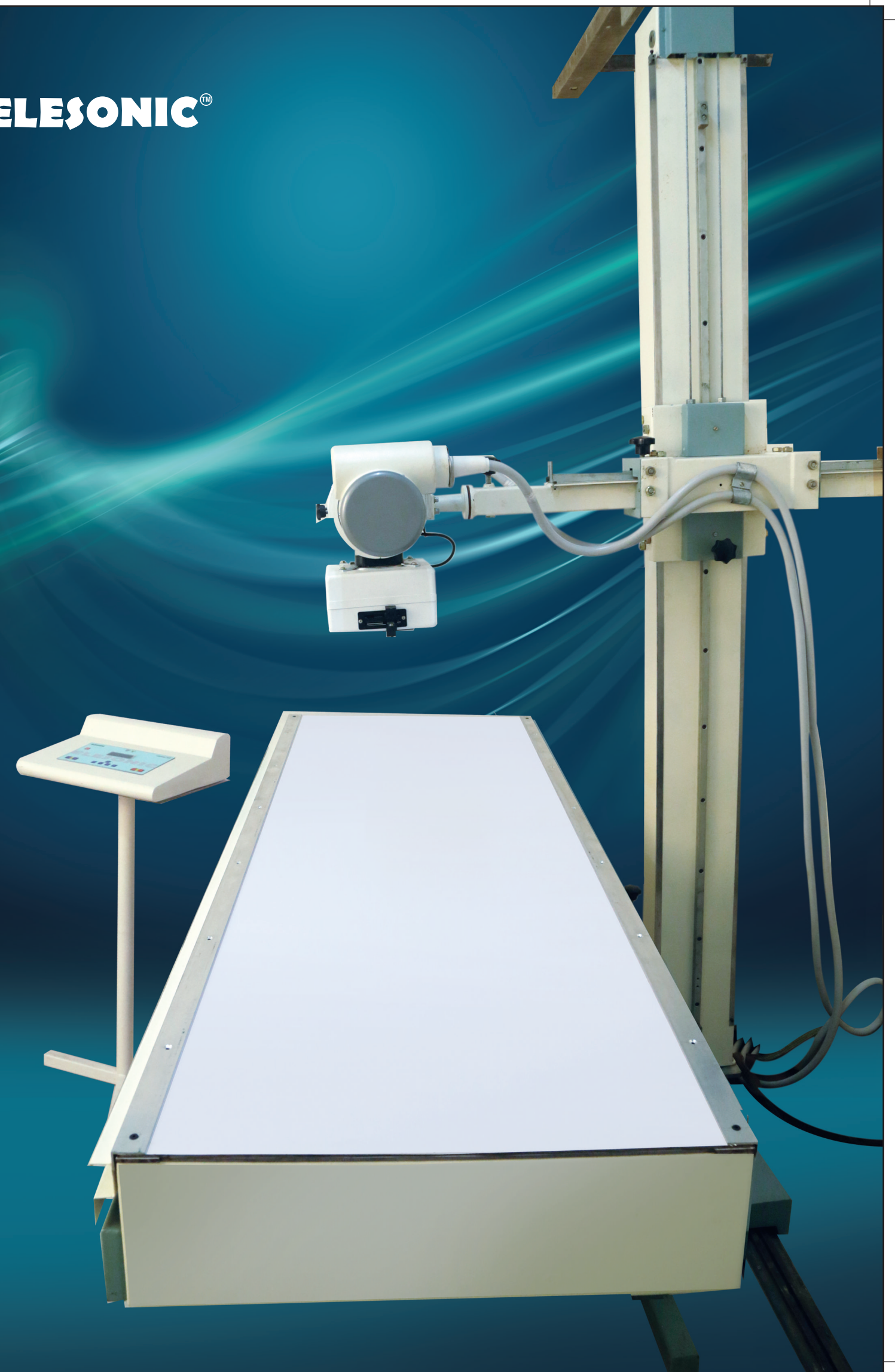


The idea of looking at, analysing, and constructing human body experienced a revolution, thanks to unique vision of Leonardo da Vinci, who appreciated the above words with utmost sincerity. His study of anatomy, originally pursued for his training as an artist, had grown by the 1490s into an independent area of research. As his sharp eye uncovered the structure of the human body, Leonardo became fascinated by the “figura istrumentale dell’omo” (man’s instrumental figure), and he sought to comprehend its physical working as a creation of Nature. It took three more decades before human civilisation benefited from such spirited thoughts and courtesy a certain physicist Wilhelm Conrad Röntgen was blessed with the discovery of x-ray. The journey of imaging the invisible transformed forever.

At Elesonic, these ‘life changing’ stories and their transformational values to human life has made a deep, inspiring, and profound impression.

In fact, our raison d’être remains to create imaging solutions for the healthcare domain that constantly ‘check’, ‘improve’, and ‘enhance’. Transforming the invisible into the visible... creating tools that helps create safe, unique, and eco-friendly prisms to imaging.

# ELESONIC<sup>®</sup>





**ELESONIC<sup>TM</sup>****MODEL NAME : ELEMAC 630****630mA / 50 kW High Frequency X-Ray Machine with  
Horizontal & 7- Position Tilting X-ray Table****Key Features :** ▲

- |  |                                       |
|--|---------------------------------------|
| * High Frequency                         | 50 kW Generator                       |
| * Maximum Working Frequency              | 200 kHz                               |
| * Phase / Voltage Range                  | 3-Phase / 380V                        |
| * Frequency Range                        | 50/60 Hz                              |
| * kVp Range                              | 40 - 150 kV                           |
| * mA Range                               | 630mA                                 |
| * mAs Range                              | 0.1 - 1000 mAs                        |
| * Exposure Time Range                    | 1 - 10000 ms                          |
| * Max Filament Current                   | 6 Amp                                 |
| * Tube                                   | Rotating Anode                        |
| * Tube Make                              | Cannon or Others                      |
| * Tube Stand                             | Floor to Ceiling                      |
|  | (Optional) Floor Mounted              |
|  | (Optional ) Ceiling Mounted           |
| * Control Panel                          | Touch Pad                             |
|  | (Optional) Tactile Feather            |
| * Option for Table                       | 7 Position Tilting Table / Horizontal |
| * Self Centering Motor Driven Collimator |                                       |
| * 5 Meter High Voltage cable Pair.       |                                       |





## Model Name :ELEMAC 500 :

500mA Microprocessor based X-ray Machine with 7-position Tilting Bucky X-ray Table .

### Key Features :

1. Microprocessor based full digital 2 Pulse 40 KW X-Ray Generator.
2. Feather touch control panel with digital display.
3. LCD Indication of all selected parameters : Kvp , mA , Seconds & mAs.
4. KVP Selection : 45 KVP to 125 KVP.
5. Kvp selection in increment of 1 KV for excellent control on image contrast.
6. 6 mA Stations : 50mA , 100mA , 200mA , 300mA, 400mA, 500mA.
7. Timer Selection : 0.02 Sec to 5 Secs
8. Elegantly wire controlled two position x-ray exposure switch.
9. Microprocessor - based electronic overload protection system enabling dynamic overload control of selected parameters for protection of Tube Insert.
10. X-ray Generator is detached with front side Fiber Bodied Feather touch & user friendly Control Panel
11. Floor to ceiling Counter balanced Tube Stand .
12. Ceiling Mounted Tube Stand ( Optional ) on demand
13. Rotor Breaking Circuit In Built.
14. Electronic overload in Built.
15. Power input: Three Phase 440 Volt, 50 Hz.
16. 50 KVA High Tension Transformer.
17. 50 KVA Three to One Phase Transformer.
18. 5 mts High Voltage Cable connected between HV Transformer and Rotating anode tube insert. .
19. Rotating Anode Dual Focus X-ray Tube.
20. Collimator Manually operated with Light Beam Diaphragm
21. Motor driven collimation available on demand.
22. 7-position Tilting Bucky X-ray Table movable from trendelenberg (-15 Deg / 0 Deg / 15 Deg / 30 Deg / 45 Deg / 60 Deg / 90 Deg ) with electrically operated Bucky .
23. Self centering cassette tray & Bucky Grid.

