

**EHYA DARMAN  
PISHRAFTEH CO.**

## **The First Manufacturer of Ventilator, Anesthesia machine, and Imaging CT Scan in Iran**

Ehya Darman Pishrafteh Co. is the first manufacturer of intensive care ventilators (infants-adults), specialized neonatal ventilators, anesthesia machines, and the only manufacturer of CT scan in Iran.





## **EHYA DARMAN PISHRAFTEH CO.**

Ehya Darman Pishrafteh Co. began as a reseller and importer of European-made Respiratory equipment. After gaining experience and technical knowledge, the company began producing ventilators for the first time in Iran. After gradually transferring manufacturing technology, it was granted an independent production license for intensive care ventilators and anesthesia machines, establishing itself as a leading Iranian knowledge enterprise. The company received the international CE certificate for its products after receiving certifications from local authorities and producing high-quality products. Ehya Darman Co. took the next step by manufacturing CT scanners after 20 years of experience in manufacturing medical equipments and knowledge of manufacturing, sales, and after-sales service challenges in Asian, European, and African countries. It was introduced as an independent manufacturer of CT scan in Iran, relying on its technical knowledge, experienced specialists, and reputation in after-sales services.



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## CT Scanner

Brand: **EDP**

Model: **EDP-16**

New  
Detector  
Material

4D Dose  
Modulation

Dose  
Check

Organ Safe

Shaped  
Filter

240 degree  
Exposure

Pediatric  
Protocols

Based on the latest technology

[VIEW NOTABLE FEATURES](#)

[VIEW TECHNICAL DATA](#)



# CT Scanner

Brand: **EDP**  
Model: **EDP-16**

## TUBE AND GENERATOR SPECIFICATIONS

Tube Heat Capacity	5.3 MHU
Generator Output Power	50 KW
Generator Output Voltage Range (kV)	80, 100, 120, 140
Generator Output Current Range	10-420 mA
Progressive Scan Time	100 seconds

## GANTRY SPECIFICATIONS

Opening Diameter	720 mm
Tilt	30

## BED SPECIFICATIONS

Maximum Patient Weight	205 Kg
Bed Movement Range	177 cm

## DETECTOR SPECIFICATIONS

Detector Row	32
Detector Elements	21504
Detector Coverage	20 mm

## CONSOLE SPECIFICATIONS

Image Reconstruction Rate	12 Images/Second
Image Reconstruction Matrix Size	1024x1024
Software Feature for Automatic (O-Dose) mA Adjustment	

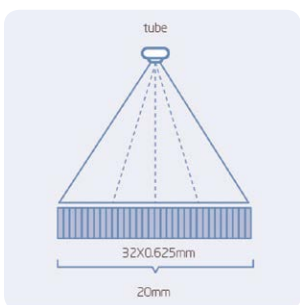
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# CT Scanner

Brand: **EDP**  
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## EFFICIENT DETECTOR DESIGN

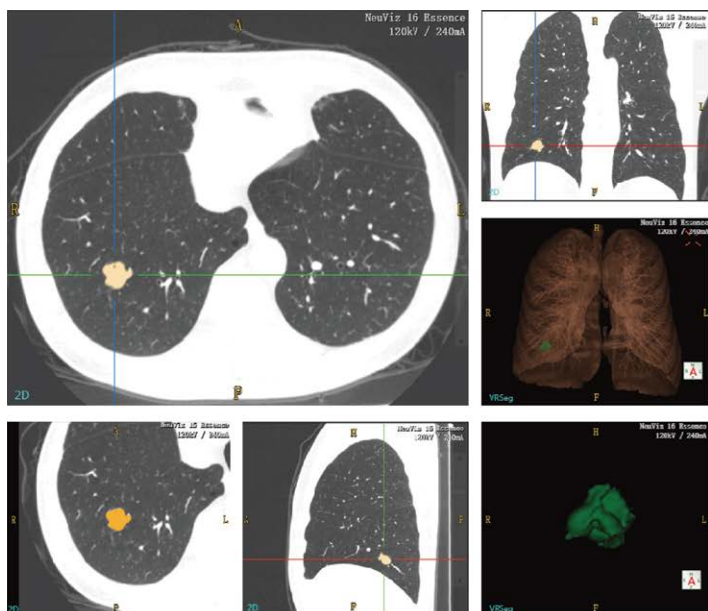
Minimal detector afterglow allows 4640 projections to be collected per rotation. X-ray conversion efficiency is 99.99%



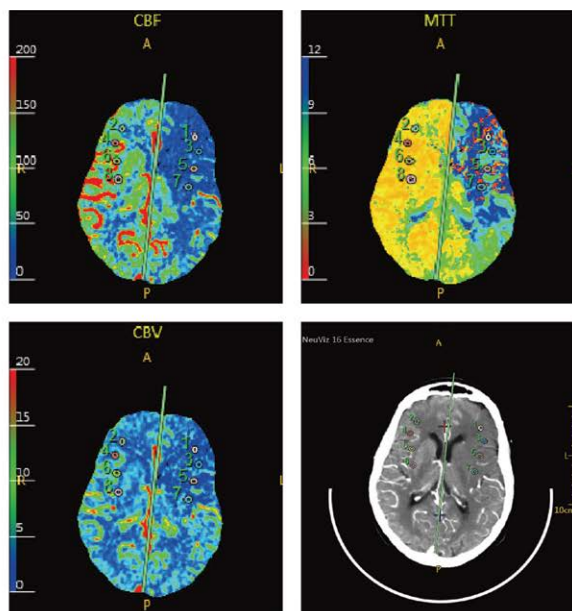
⊕ Large Sub-millimeter detector coverage



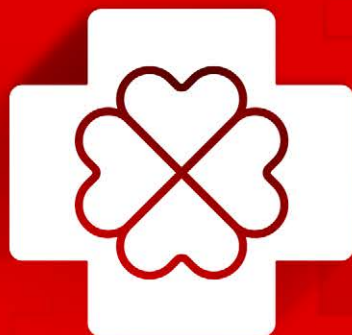
## LUNG NODULE ANALYSIS



## BRAIN PERFUSION



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# EHYA DARMAN PISHRAFTEH CO.

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