



16-128 Slice CT System

PRODUCT CATALOGUE

About **SINO**VISION

SINOVISION, founded in 2012 and headquartered in Beijing, China, is the professional X-ray imaging solution and service provider whose vision is serving up healthcare with technological innovation.

SINOVISION possesses more than 100 patent technologies, which help SINOVISION to supply CTs at all ends of the spectrum.

Quality is built into each of SINOVISION's solutions and influences everything the company does. SINOVISION follows the most stringent international and CE manufacturing and quality control standards in each of its state-of-the-art manufacturing facilities, ensuring lean production and traceability throughout the entire process.



SINOVISION provides a large range of products, including:

- 16-128 slice CT systems
- Entry level to high-end
- Standard gantry bore size to large bore
- Clinical routine to advanced visualization
- Traditional CT to mobile solutions

Better Insight into:

- Clinical requirements
- Technical innovation
- Product quality
- Customer satisfaction



InsitumCT 338

32-slice CT scanner

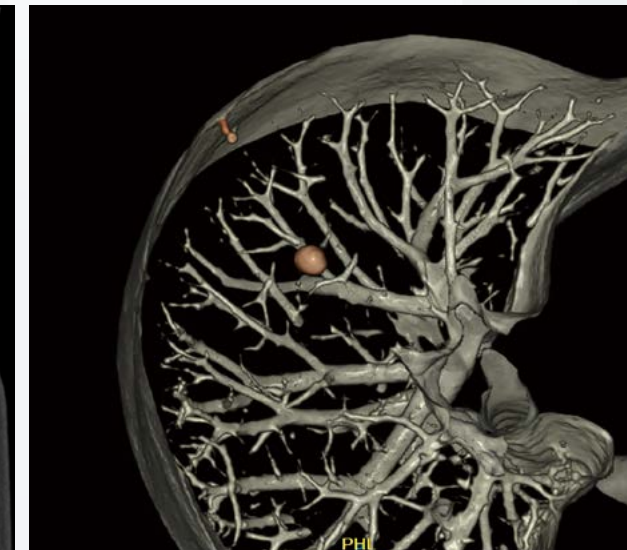
Designed for clinical excellence and diagnostic confidence



SINOVISION Technologies(Beijing)CO.,Ltd

Product highlights

- 32x0.6mm precision imaging chain based on 128-slice CT platform
- Powerful scan capability with 3.5MHU tube and 0.7s rotation speed, easy to finish large range scanning
- 1024x1024 high-definition imaging solution more clearly renders fine lesions and tissues
- Low dose design with IDream IR and 70KV, greatly improves X-ray efficiency
- Fast workflow with One-Key positioning, simple protocol selection and user-friendly interface



Insitum 16/32/64S/64

76cm large bore CT series



SINOVISION Technologies(Beijing)CO.,Ltd

Expand your
clinical performance

Maximize your
investment

Optimize your
workflow

Affordable bound

Instium 16

16 slices per rotation

Fast acquisition with
16 slice \times 0.625mm
16 slice \times 1.25mm

Affordable and faster

Instium 32

32 slices per rotation

Wider and faster sub-
mm acquisition with
32 slice \times 0.625mm

Clinical confidence

Instium 64S

64 slices per rotation

Fast Acquisition with
64 slice \times 0.625mm

Step into cardiovascular
solution

High Performance

Instium 64

64 slices per rotation

Fast acquisition with
64 slice \times 0.625mm

More powerful
hardware
Faster rotation speed

More details,
more applications

From Clinical routine to oncology
Meet your requirements of today and tomorrow

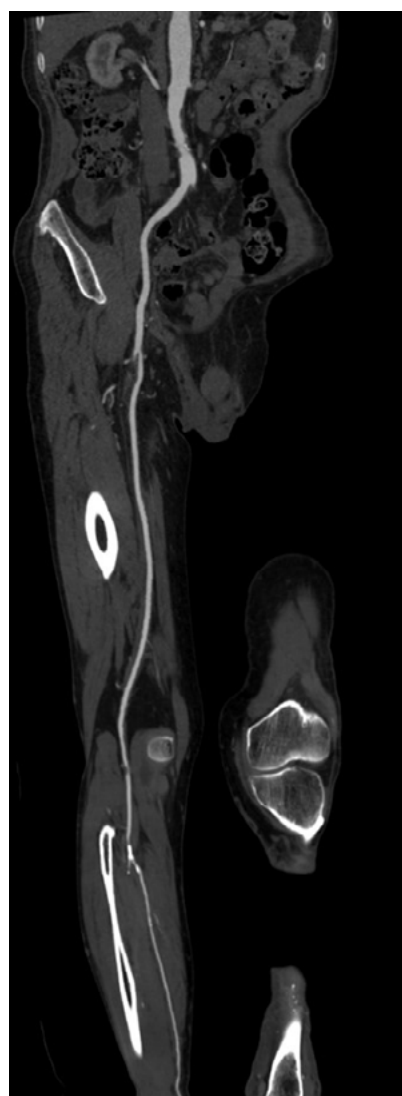
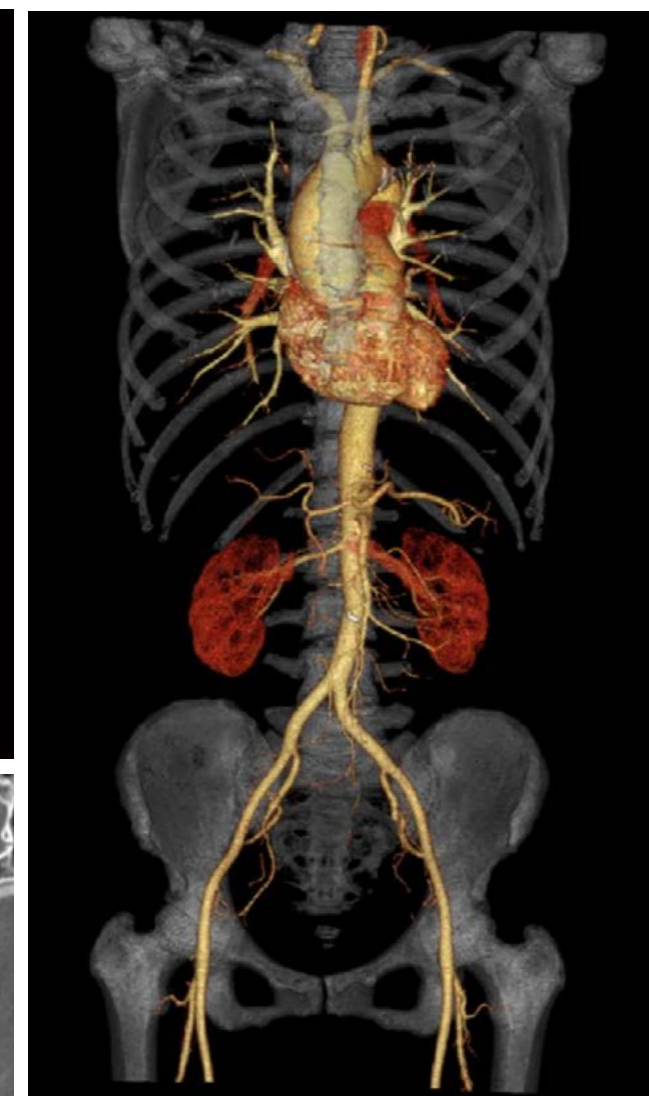
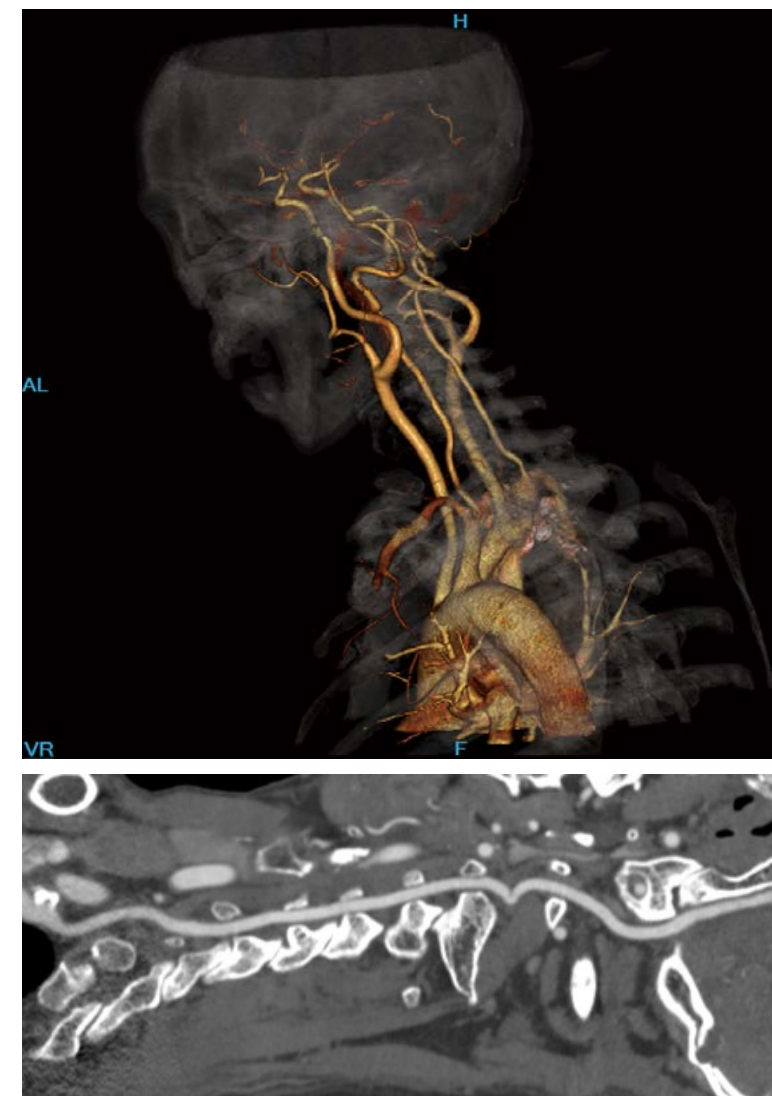
Insitum16/32

16/32-slice CT scanner

Transcending clinical routine to deliver oncological solutions

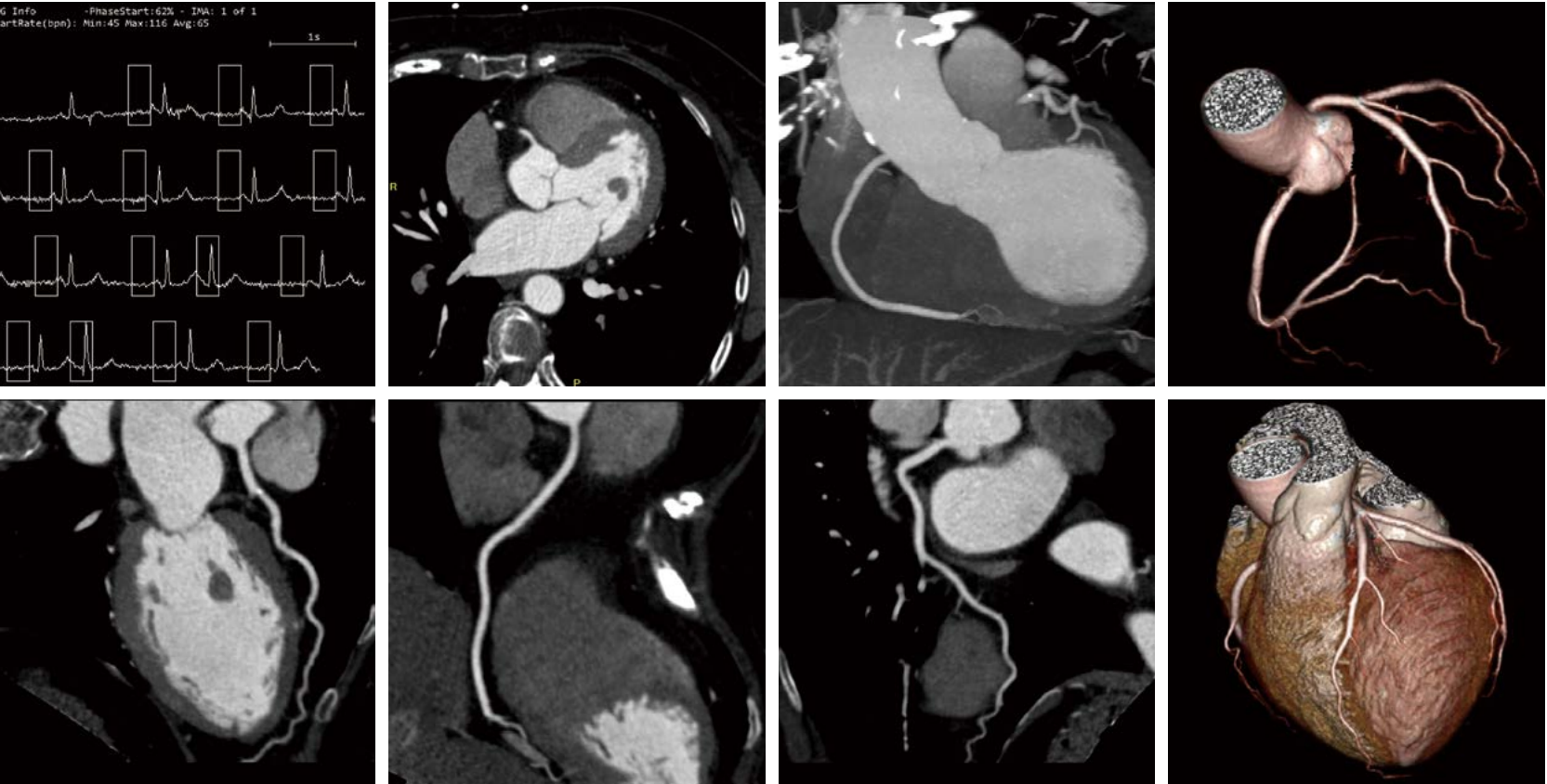
Product highlights

- 76cm gantry size and 65cm extended FOV enabled Insitum series CT with simulation and biopsy capabilities
- Patent technology Vision Tec keep HD-imaging (20lp/cm@0%MTF) outperforms normal CT simulators (15 lp/cm@0%MTF)
- 32x0.625mm detector design enables true 16/32 slice acquisition provides more clarity than interpolation reconstruction
- 5.3MHU tube, 0.5s rotation speed, 250kg patient load enables a greater range of patients and applications
- Upgradable to 64-slice CT scanner, scalable based on customer requirements and budget



Coronary CTA clinical case

Heart rate: 70bpm with premature beats, 120kVp, 620mAs, 0.39s rotation speed, scan range 125mm, Scan time 11s, slice thickness 0.625mm



Insitum 64s/64 64-slice CT scanner

Holistic solutions and full-range applications

Product highlights

- Two hardware configurations enable flexible selection to satisfy various budgets
- Powerful hardware platform optimizes patient throughput, increases work efficiency
- User-guided interface and auto-positioning preset function facilitates a full range of procedures from simple Head, Chest and Abdomen to complex Cardiac procedures
- High-resolution (22lp/cm@0%MTF, 1024x1024) ensures superior image quality for greater diagnostic confidence
- 76cm gantry design makes tumor biopsy and simulation possible, greatly increasing potential clinical portfolio

	Insitum 64s	Insitum 64
Tube	5.3MHU	8.0MHU
Generator power	50.4kW	80kW
Rotation speed	0.5s	0.39s

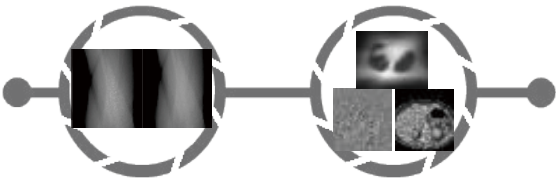
InsitumCT 568

128-slice CT scanner

High-level, efficient functionality to satisfy a variety of clinical contexts

Product highlights

- New design 128-slice CT platform fulfills a broad variety of clinical needs, cost effectively
- X,Y,Z triple direction flying focus spot enables 1024 matrix HD imaging which reaches 21lp/cm@0%MTF, making previously unviewable structures clearly visible
- Low dose platform incorporating technologies such as IDEam, 70kv, and V-beam significantly reduces patient radiation dosage
- 76cm gantry size, 250kg table load, supports a wider variety of applications and business strategies



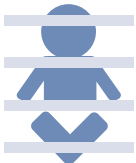
IDream Iterative reconstruction



vDose Check

DICOM

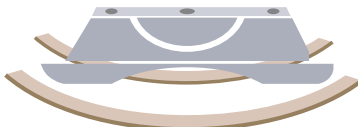
vDose Report



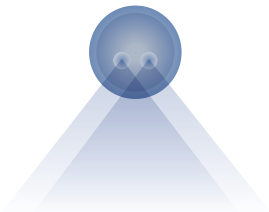
Pediatric protocol



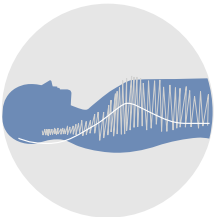
vPix Detector



vBeam



vFly



3D dose Modulation



InsitumCT 768 128-slice CT scanner

High-level, multifunctionality for
all CT radiology needs.

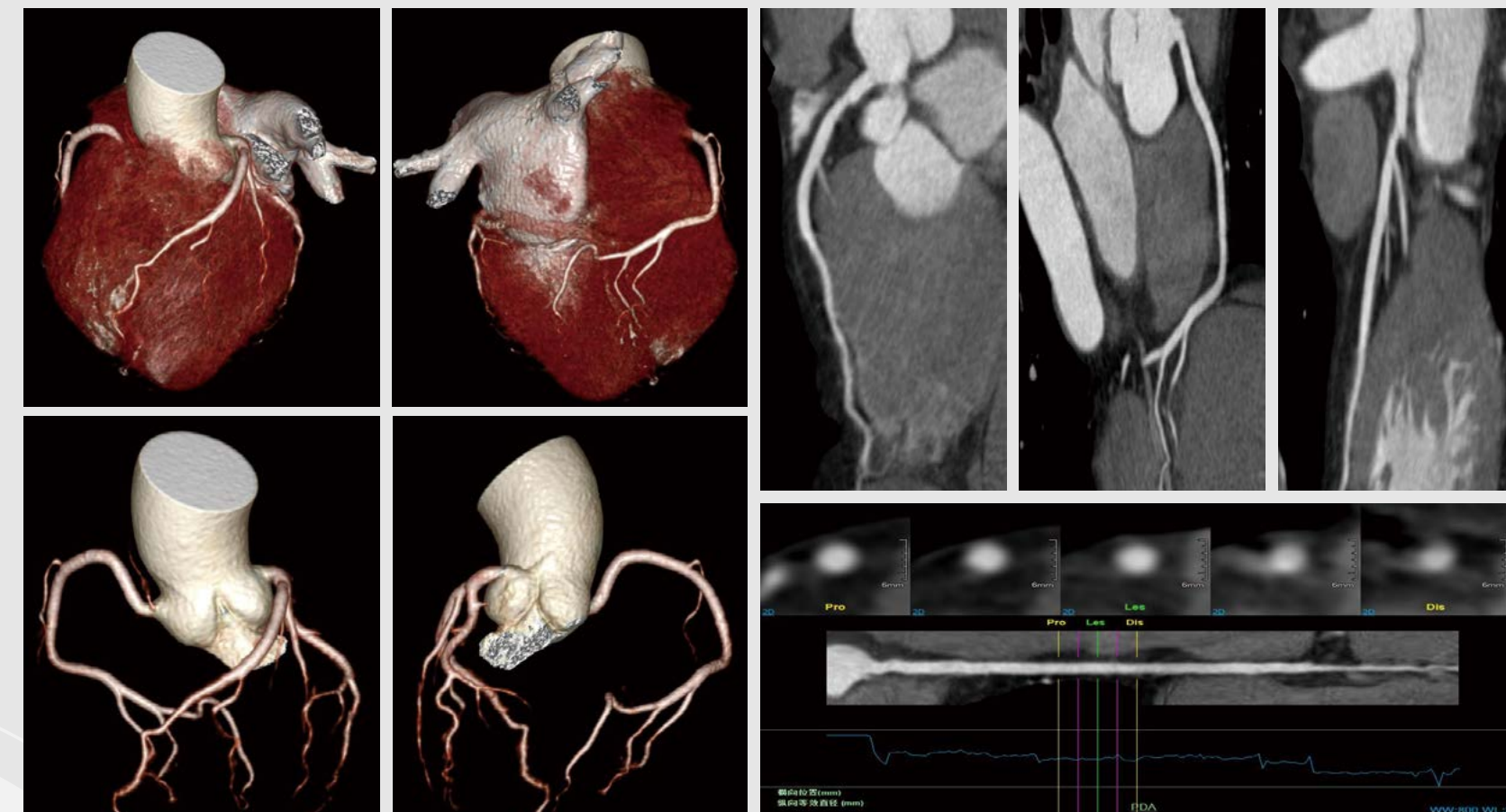
Product highlights

- RIF technology and 46ms temporal resolution effectively reduces cardiac motion artifacts which enabling clearer rendering of heart at higher rates with better image quality
- Patented Micro Wafer detector together with V-beam X-ray optimization collimation greatly improves X-ray efficiency resulting in ultra-high definition
- Whole body full range scanning, diagnosis, and biopsy, supports the full process from quantification to qualification
- AI based post-processing workstation assists faster workflow and greater diagnostic confidence.

SINOVISION Technologies(Beijing)CO.,Ltd

Coronary CTA clinical case

Heart rate: 70bpm, 120kVp, 780mAs, 0.37s rotation speed, scan range 115mm,
Scan time 9s, slice thickness 0.625mm



Angel Mobile CT

A total integrated solution



Product highlights

- Military standard truck with 16 to 128 slice CT scanner fulfills a variety of requirements.
- Immediate scan supported by electrical connection or energy storage battery, which can support CT scanner for 7 continuous working hours.
- Two-entrance design, together with remote-scanning control function, separates patients and healthcare providers, avoiding cross infection.
- One-key fast levelling function keeps CT working at the horizontal level and adaptive shock absorption enables steady CT running.
- 5G transfer technology enables ultra-fast data transmission, facilitating diagnostic support from far away.
- 6-sided lead protection, total UV elimination, and human-centric design enables easy and safe running.

Mobile Imaging
Center

Epidemic prevention
and control

Emergency
Rescue

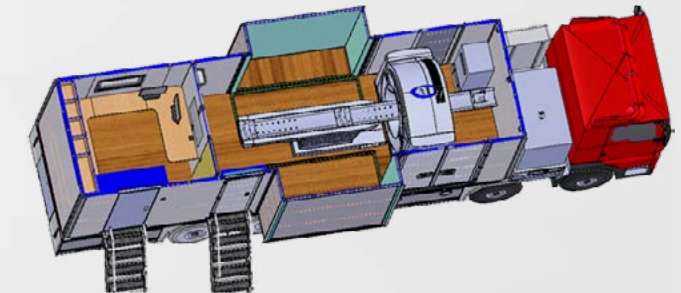
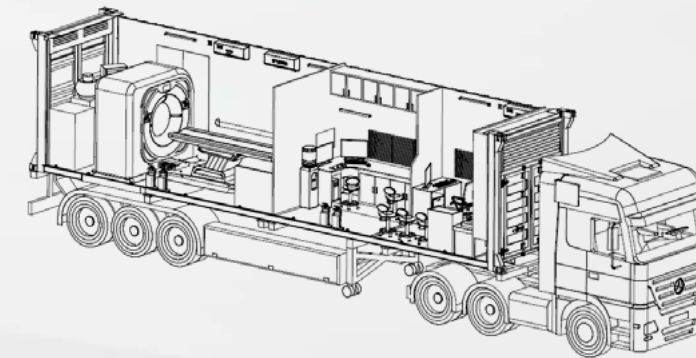
Angel II Mobile CT

A flexible, mobile CT solution



Product highlights

- The scanning container comes trailer-mounted with a truck cab, however, the components can be purchased separately.
- Available CT options from 16 to 128 slices and from 70cm gantry aperture to 76cm large-bore aperture.
- 12m cabin is divided into 3 parts: control, scanning and diagnostic. Each section has its own entrance to avoid cross infection.
- A turn-key solution with power storage, lead protection, UV elimination and cooling, which makes this system easy to run from start to finish.



Angel Bus CT

Scan anytime, anywhere



Product highlights

- 12mx2.55mx3.6m design allows for 4 partitions: driving, control, scanning and rest.
- Each partition has its own entrance, together with preset positioning to avoid cross infection.
- Hydraulic parking column keeps CT working in the horizontal plane, ensuring image quality.
- One-key cabin automatic expansion increases scanning and operation space.
- 6-sided lead protection, total UV elimination, negative pressure ventilation and real-time patient monitoring create an easy workflow and safe working environment.



Angel Container CT

Global standard 40-inch container turn-key solution for Covid-19 clinics



Product highlights

- Scanning can begin as soon as it is plugged in.
- Easy transportation as the container is global standard.
- 12m long design enables 3 compartments with separate entrances to prevent cross infection: control, scanning and rest.
- 4mm 6-sided lead protection, together with high quality cover design, allows for carefree operation.
- Available in 16-128 slices to meet a variety of budgets and requirements.



Angel II Container CT

Compact container solution for CT radiology

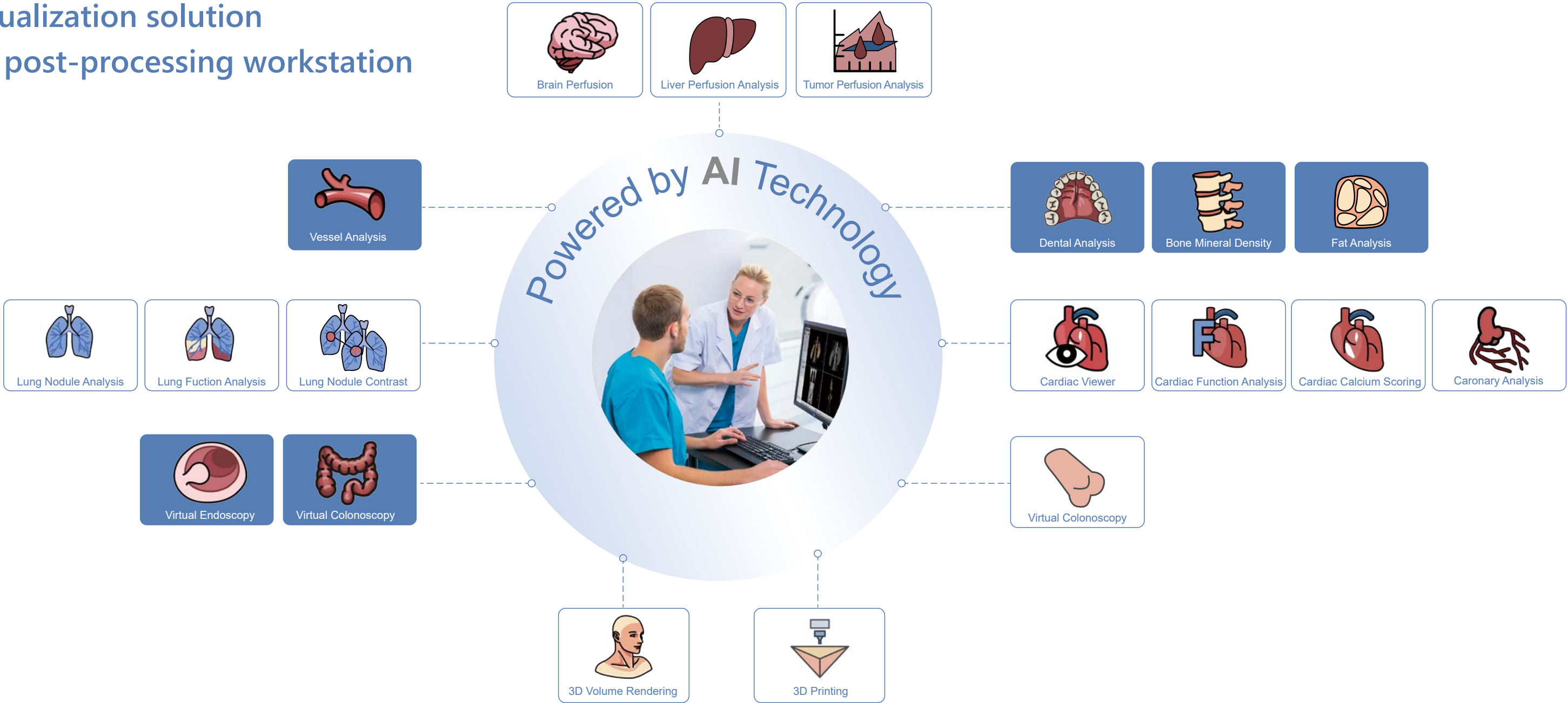


Product highlights

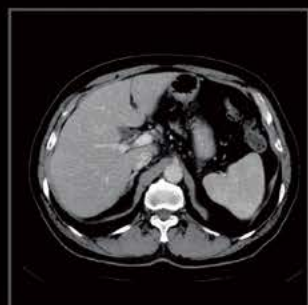
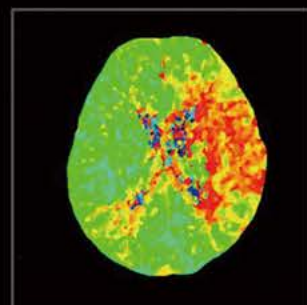
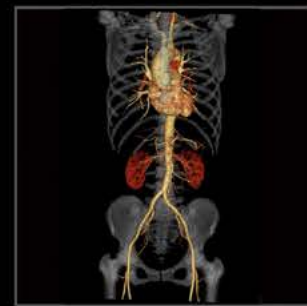
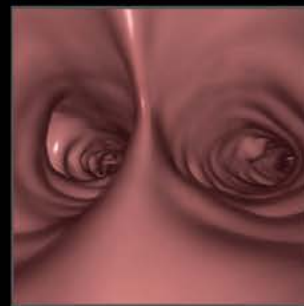
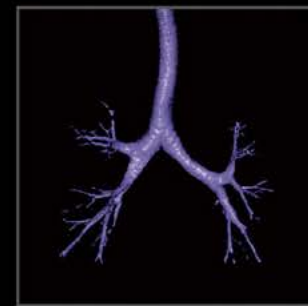
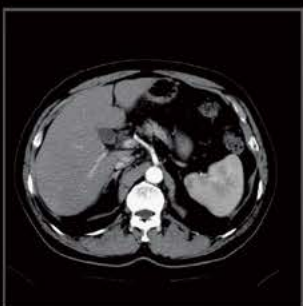
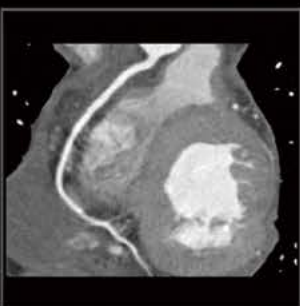
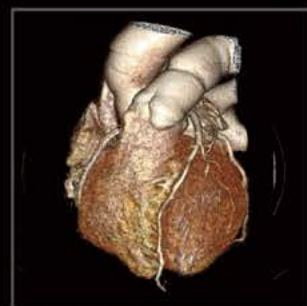
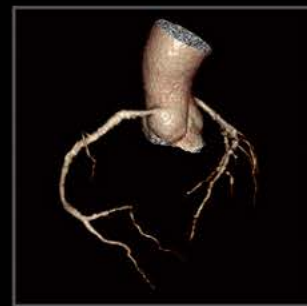
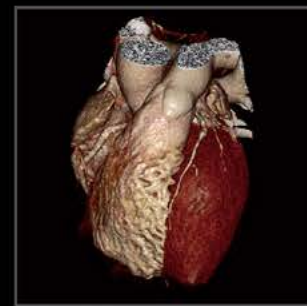
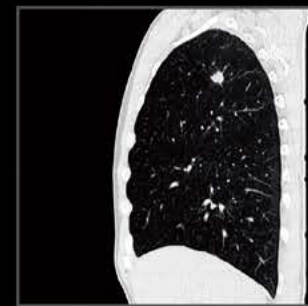
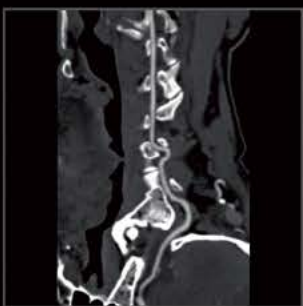
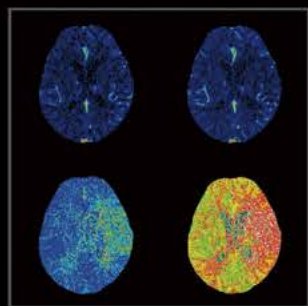
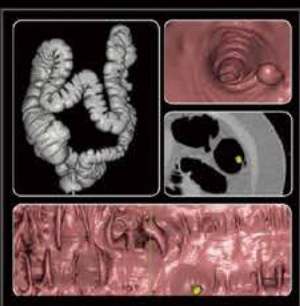
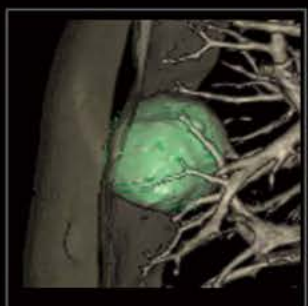
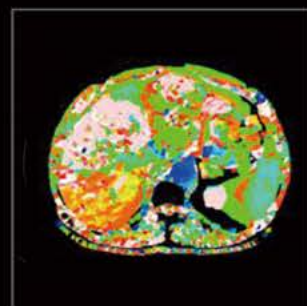
- 9.6m length has a smaller footprint and can easily be integrated into current hospital and emergency paths.
- 3m width provides extended space for differing clinical requirements.
- 2-entrance compartmental design avoids cross infection.
- Available in 16-128 slices to meet a variety of budgets and requirements.
- UV elimination, cooling and lead protection have been proven to meet requirements of front-line healthcare workers during the Covid-19 pandemic.



Advanced visualization solution InsightVision post-processing workstation



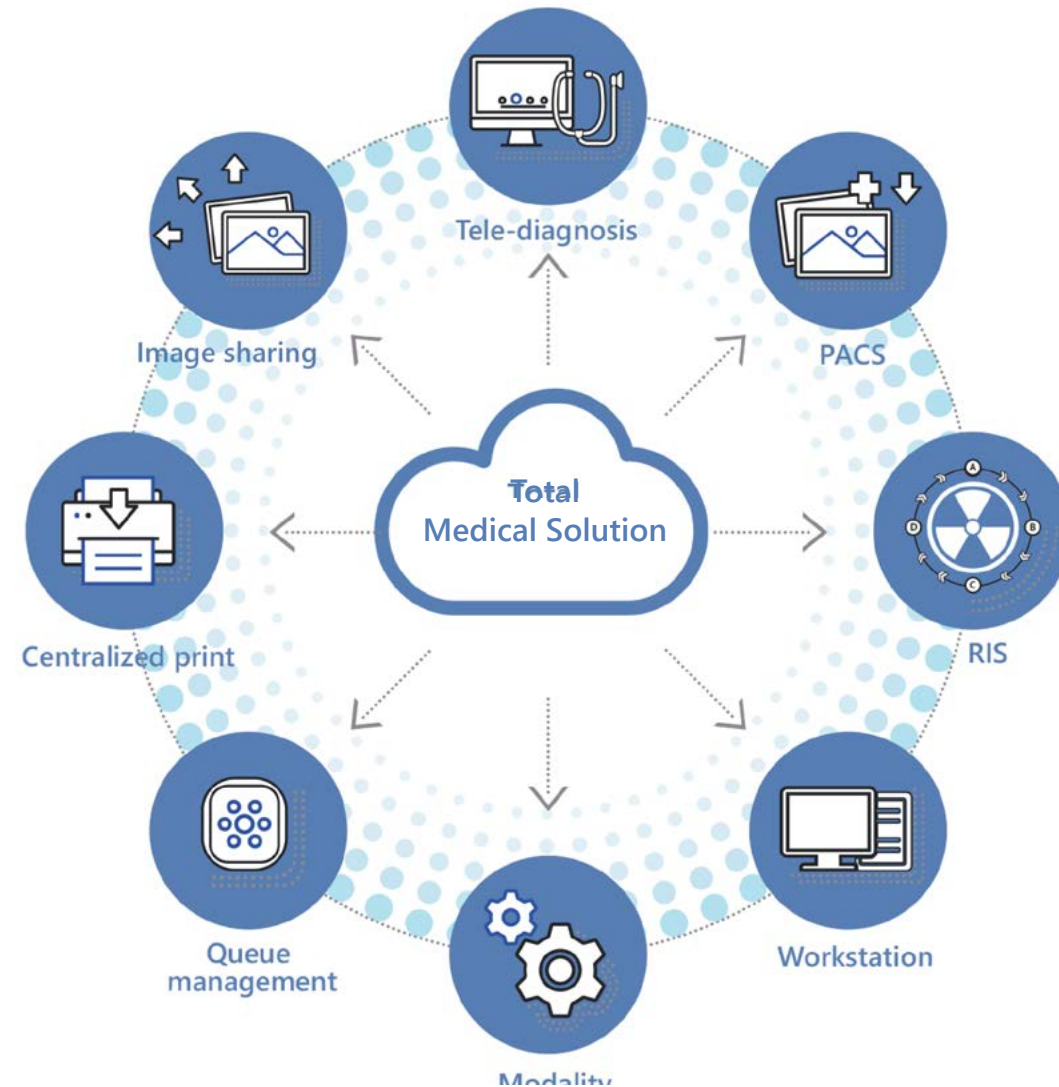
Full-rangeClinical Applications



Advanced Visualization Solution

Facilitates patient image sharing, clinical workflow collaboration, and diagnosis report consultation.

- Post-processing collaboration, powered by Insight Vision clinical packages and tools.
- Combines PACS system and workstation utilizing innovative cloud solution.



SINOVISION Technologies(Beijing)CO.,Ltd

Global Service and Logistics Support

SINOVISION delivers comprehensive service experience to our customers, offering superior, cost-effective products, reducing maintenance costs and operational risks and utilizing remote diagnosis and predictive maintenance to support health-care providers by minimizing downtime and maximizing equipment life.





SINOVISION Technologies(Beijing)CO.,Ltd

No.13th, North Yongchang Street, BDA, Beijing, China

Tel : 86(10)87927112

Fax: 86(10)87927113

E-mail: sv@sinovision-tech.com

Contact us in various ways

 www.sinovision-tech.com

  www.sinovision-tech.com