

CT Scan - 3000 CT Scan



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► 32-slice CT scanner

►► 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

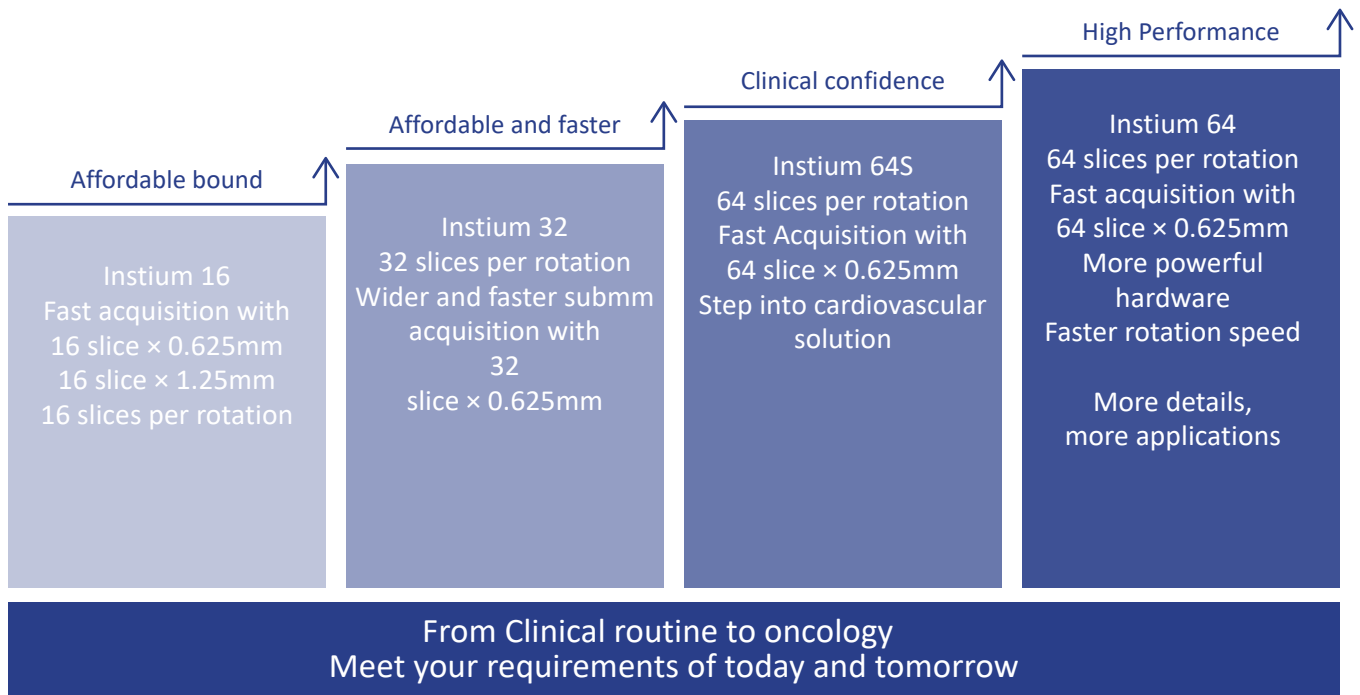
76cm large bore CT series



Expand your
clinical performance

Maximize your
investment

Optimize your
workflow

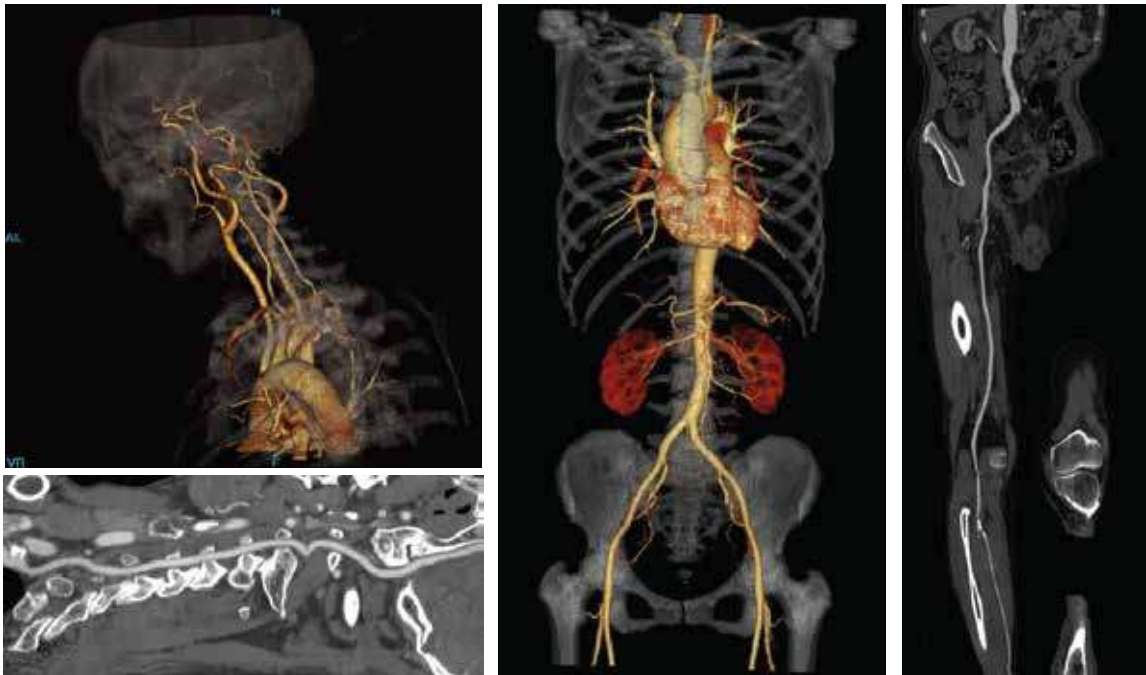


►► **Insitum16/32** **16/32-slice CT scanner**

Transcending clinical routine to deliver oncological solutions

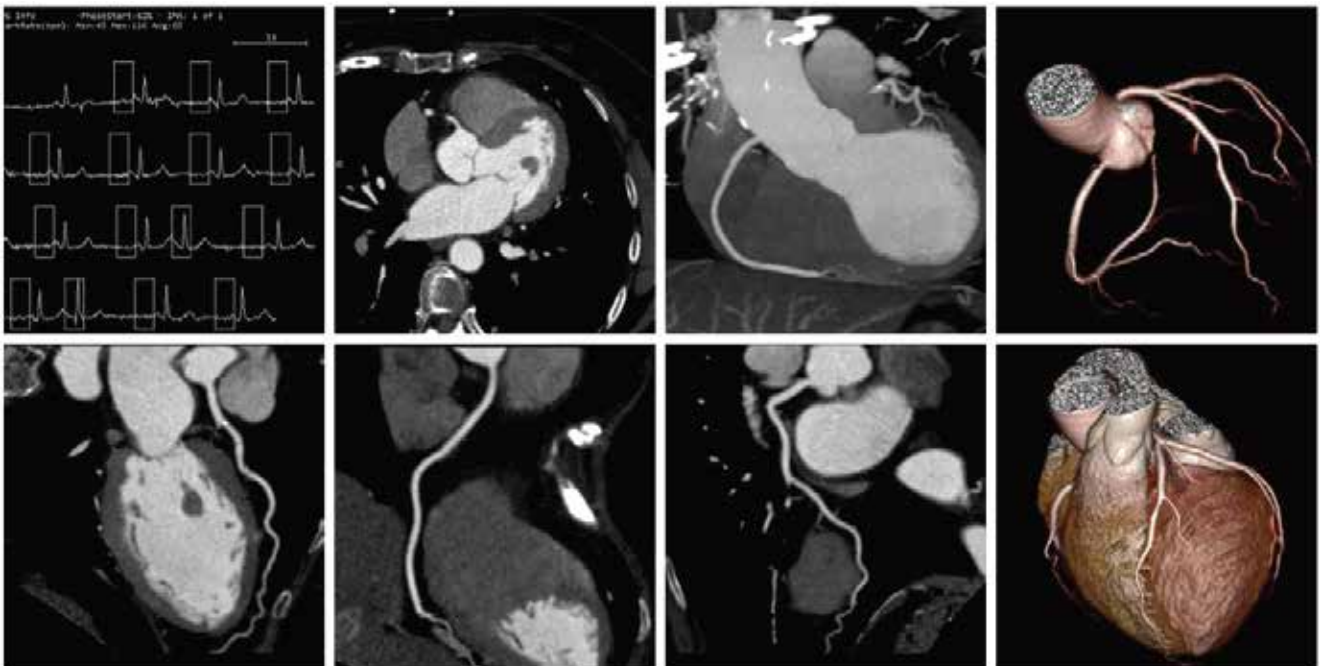
►► **Product highlights**

- 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

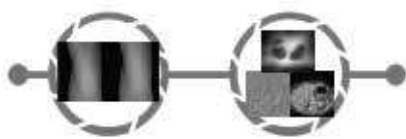
	Insitum 64s	Insitum 64
Tube	5.3MHU	8.0MHU
Generator power	50.4kW	80kW
Rotation speed	0.5s	0.39s

►► 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/c-m@0%MTF, making previously unviewable structures clearly visible
- Low dose platform incorporating technologies such as IDream, 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

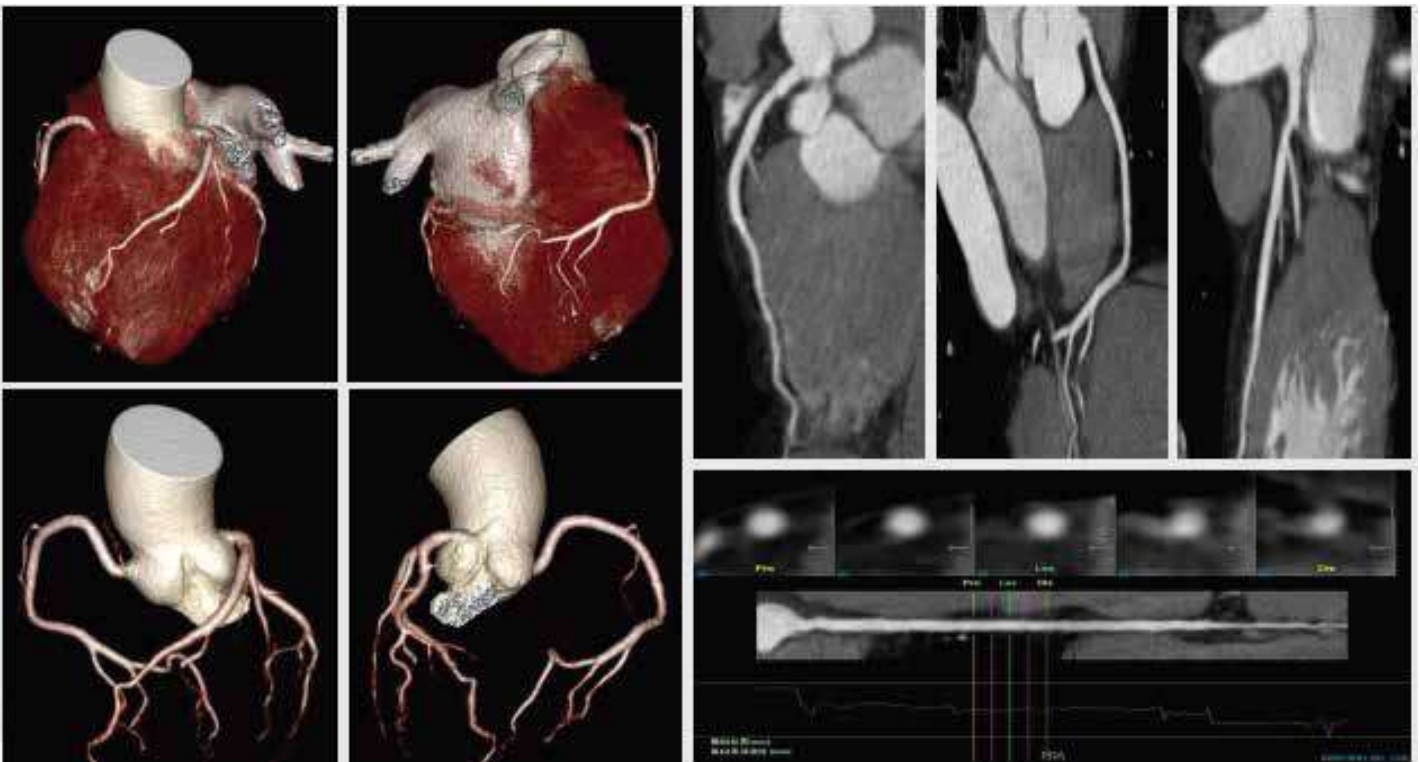
High-level, multifunctionality for all CT radiology needs.

►► 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.

►► 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.

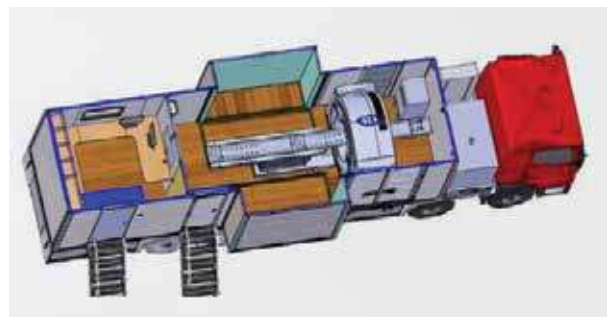
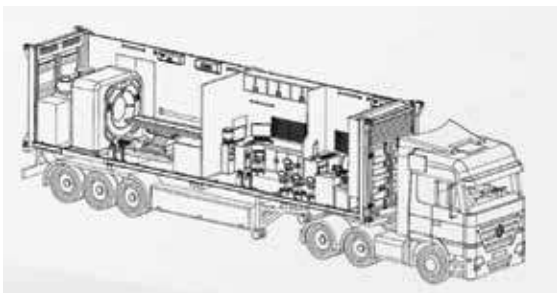
►► Angel II Mobile CT

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

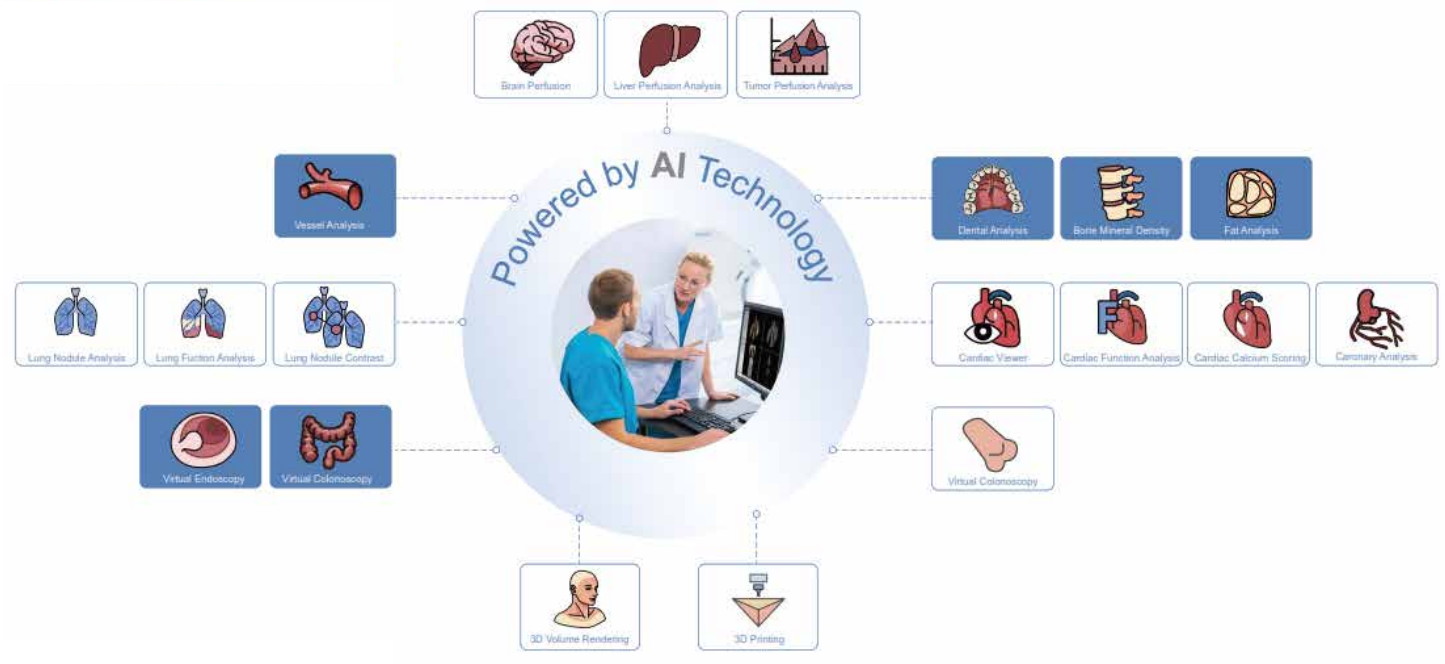


►► Product highlights

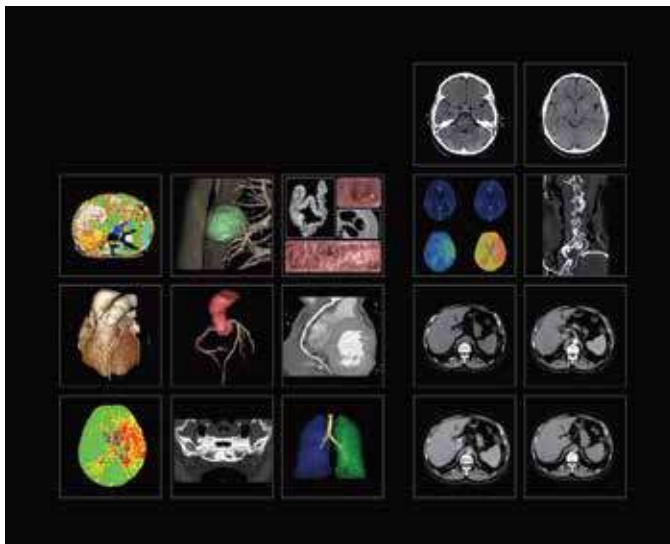
- 9.6m length has a smaller footprint and can easily be integrated into current hospital and emergency paths.
- 3m width provides extended space for differing clinical requirements.
- 2-entrance compartmental design avoids cross infection.
- Available in 16-128 slices to meet a variety of budgets and 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



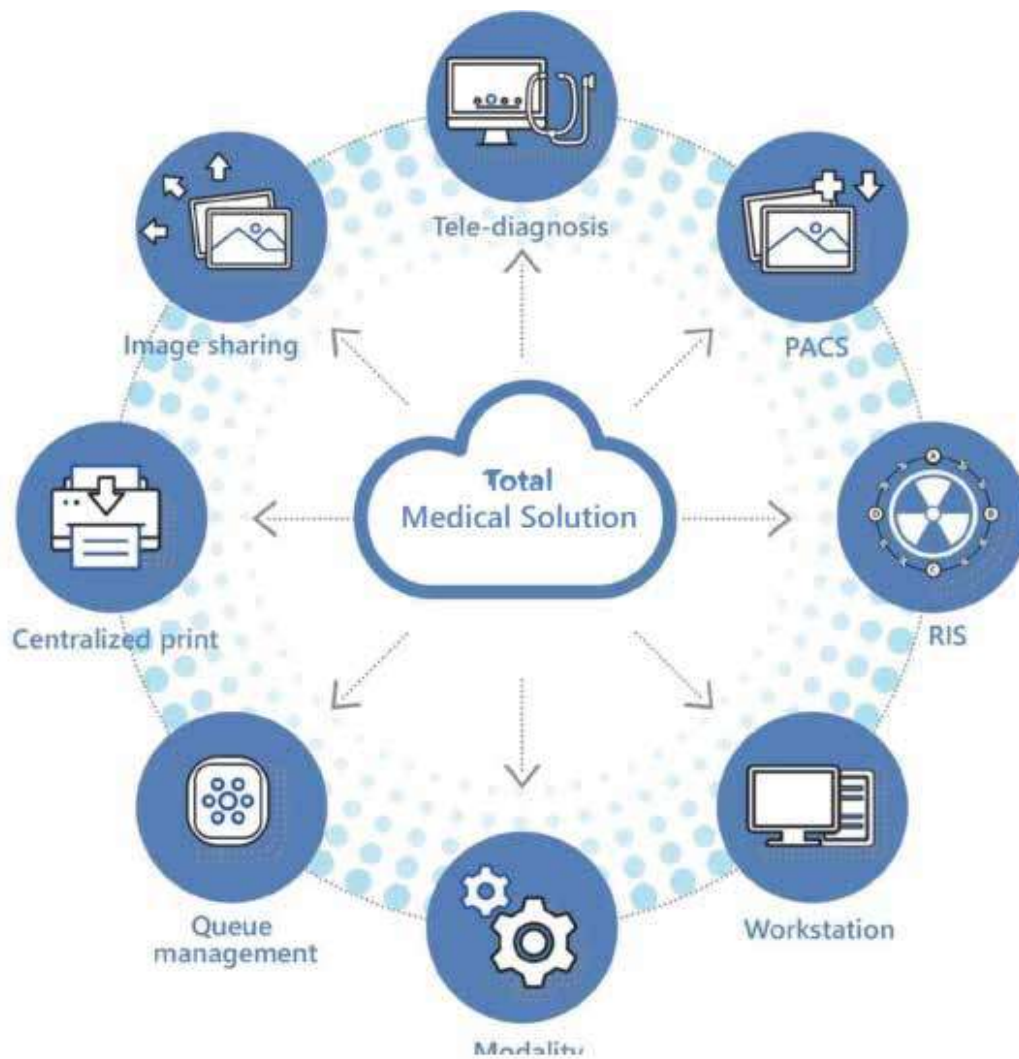
►► Full-range Clinical Applications



►► 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.



►► Global Service and Logistics Support

We 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.



HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

Our Products & Technologies



UV/VIS
Spectro 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



Atomic Absorption
Spectrophotometer



Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



NOVA-2100
Chemistry Analyzer



PCR/Gradient PCR/
RTPCR



TOC
Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical
Foundation

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2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.



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