

PCDUS - 3030

Portable Color Doppler Ultrasonic System



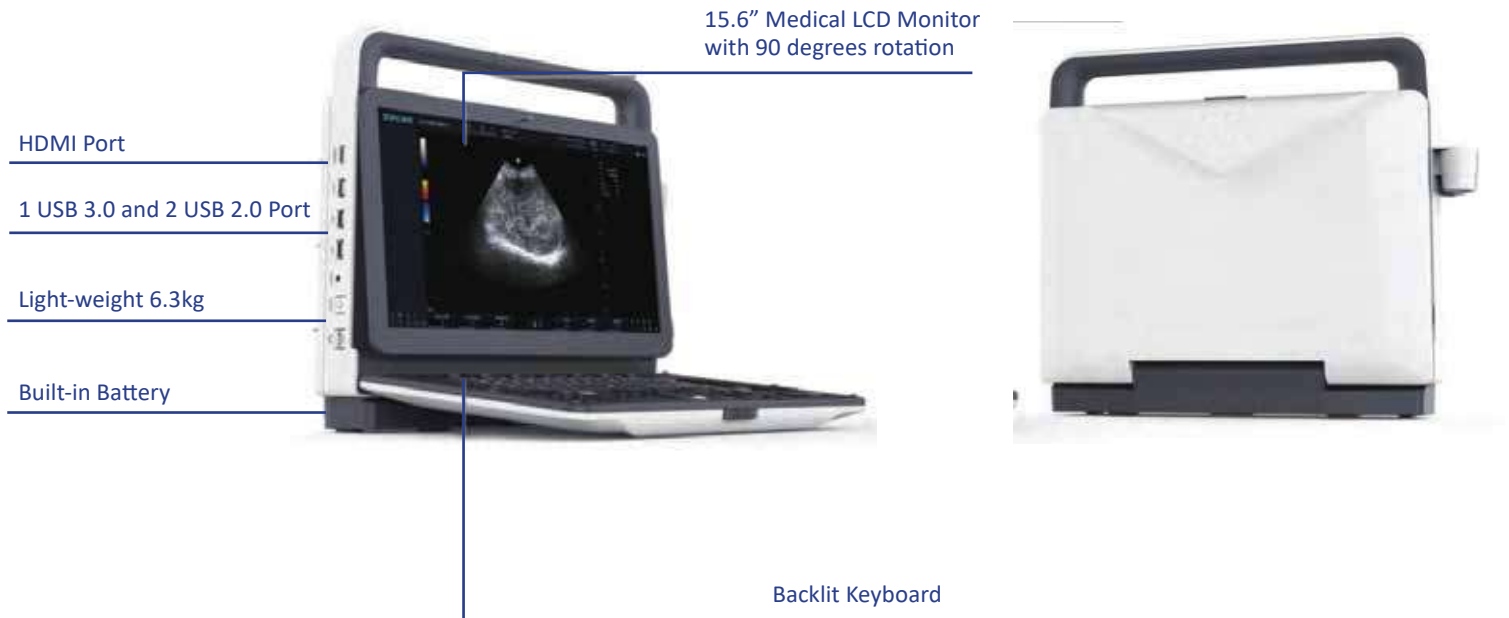
EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

►► Ergonomic Design

Match the ingenious ergonomic design with the compact size, PCDUS 3030 has remarkable adaptability which can fit variable usage scenario.



• The Probe holder can be removed



• The battery can be removed



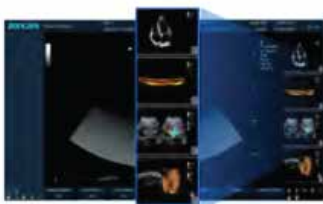
►► Transducers



►► Efficient and Fast Workflow

Multiple user-defined programming buttons

- One-key Automatic Optimization Technology One-key operation flow, quick switching and easy to use Visualize user-defined presets function (QSave)
- Metadata and image postprocessing
- USB 3.0 ports, built-in DVD, make transmission more convenient
- Thumbnail clipboard- easy to review the images and videos



Clipboard



Qsave



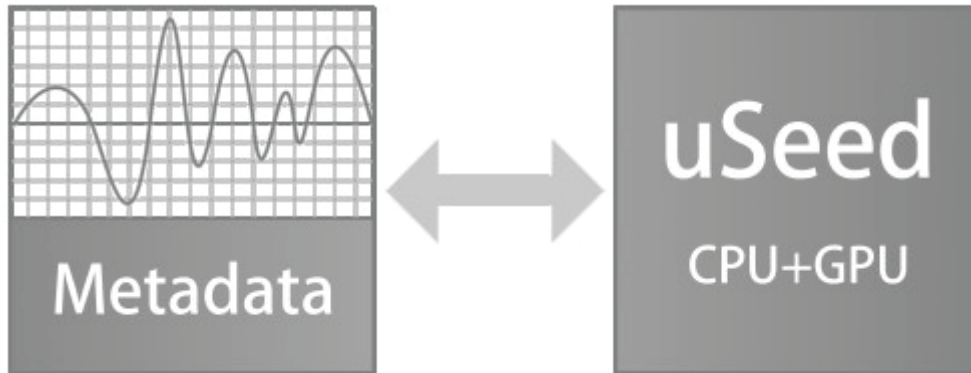
Station



User defined Buttons

►► uSeed Platforms

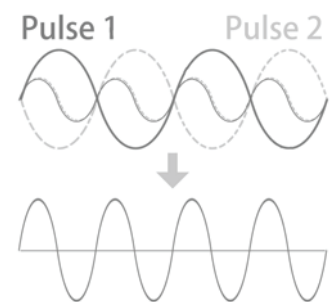
PCDUS 3030 facilitates accurate diagnosis based on uSeed metadata beamforming imaging technology platform. This brand-new platform is developed by CPU + GPU heterogeneous computing technology. The images in uSeed platform are saved as metadata for postprocessing.



►► Technologies

Pulse Inverse Harmonic Imaging PIHI

PIHi reduces the distortion generated by the fundamental wave, and greatly improve the signal-to-noise ratio.



Speckle Reduction Imaging

SRI technology significantly reduces the unwanted speckle, provides enhanced tissue boundary and tissue echo for confident clinical diagnosis.



Spatial Compound Imaging

SCI provides better contrast resolution, reduces the speckle noise and smoothes the imaging of homogeneous tissue.



Frequency Composite Imaging

Combine the high penetration of the fundamental frequency and the high resolution of the harmonic frequency to improve the detail resolution and contrast resolution of the ear field and the far field to provide the best image quality.



►► Comprehensive clinical applications

PCDUS 3030 provides remarkable performance in Abdomen, Gynecology (including endocavity), Obstetric, Cardiology, Small parts (Breast, Testes, Thyroid, etc.), Urology, Musculoskeletal and Peripheral vascular. A variety of imaging modes brings a comprehensive clinical application.

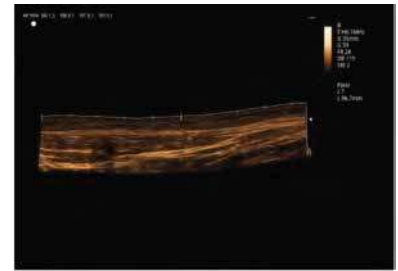
-B Steer, 3D/4D, ZPage, Zlive, PW, CW, AMM, CMM, Panoramic Imaging, Elastic imaging mode, EFOV, TDI

-Auto IMT, Auto NT, Auto Trace, TSI, THI, SRI, SCI, FCI, Biopsy function

►► Radiology

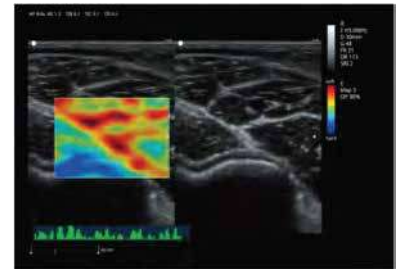
Panoramic Imaging

Panoramic Imaging could help to get extended and complete view of the anatomical structure.



Elastic Imaging

Elastography plays an important role in clinical diagnosis, especially in lesions assessing. Elastography imaging could detect the hardness of nodule, therefore it may help to differentiate malignant from benign lesions.



►► Cardiology

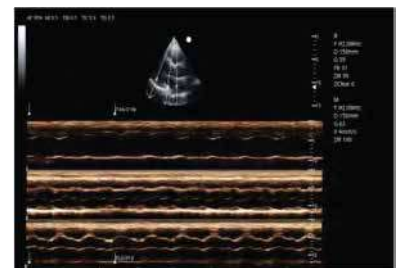
TDI

Tissue Doppler Imaging (TDI) could monitor local myocardial movement, and evaluate the movement quantitatively.



AMM

AMM allows placing up to 3 sample lines at any angles, the thickness and thickening of each ventricular wall could be observed accurately, which is also helpful for the accurate measurement of ejection fraction.



►► Obstetrics and Gynecology

3D/4D

Zoncare advanced 3D/4D mode delivers amazing lifelike 3D/4D images. With Zlive, PCDUS 3030 has the ability to manipulate light and shadow anywhere in the images.



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



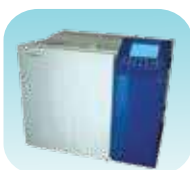
UV/VIS
Spectro 2080+
Double Beam



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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