

PCD-3580A

Portable Color Doppler Ultrasound Scanner



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Specifications

- Portable type all digital color Doppler ultrasound host
- Ultrasonic host operating system: Windows 7 operating system
- Spectrum pulse Doppler
- Direction energy Doppler
- Real time three synchronization
- Space composite imaging: the requirement is 3 level, visual adjustable.
- Organized harmonic imaging technology
- 4B imaging mode
- One key intelligent optimization
- Support multilingual user interface
- Monitor: 15 inches, high definition LED
- Physical clipboard: display the saved image below the screen, and delete it directly.
- The system has the function of on-the-spot upgrade
- Presupposition: for different inspection of the viscera, preset the inspection conditions for the best image, reduce the adjustment of the operation, and the commonly used external adjustment and combination regulation.
- Language: Chinese/English/Russian/Spanish/French/Arabic/Vietnamese/Portuguese/Indonesian
- The probe interface is 1

Probes	
Convex probe:	2.0MHz/3.0MHz/3.5MHz/4.0MHz/5.5MHz,
Linear probe:	6.0MHz/6.5MHz/7.5MHz/10.0MHz/12.0MHz,
Trans-vaginal probe:	5.0MHz/6.0MHz/6.5MHz/7.5MHz/9.0MHz,
R11 Micro convex probe:	5.5MHz/6.0MHz/6.5MHz/7.5MHz/9.0MHz,
R15 Micro convex probe:	5.5MHz/6.0MHz/6.5MHz/7.5MHz/9.0MHz,
Volume probe:	2.0MHz/3.0MHz/3.5MHz/4.0MHz/5.5MHz,
Under each probe, there is a selection of specialist and viscera mode and rapid entry detection.	

Two-dimensional imaging mode	
Gain:	0-100, step 2 visible adjustable
TGC:	8 segment adjustable
Image optimization:	visible and adjustable over 6 levels
Dynamic range:	0-270dB 15 level visual adjustable
False color:	7, visible and adjustable
Smooth treatment:	8, visible and adjustable
Edge enhancement:	8, visible and adjustable
Sound power:	0-15, step 7%, visible adjustable
Display depth:	≥ 320mm

Maximum focus number:	4 focal points, which can be moved throughout the whole process.
Gray scale:	1-16 level visible visible and adjustable
Scan line density :	256 visible tunable
Filtering:	3 kinds
Scanning range:	50%-100%
Frame correlation:	0-4 level, visible and adjustable
Screen:	14 forms of real time display of voice power, probe frequency, dynamic range, pseudo color, grayscale and so on.

Color imaging mode	
Color frequency:	≥5 frequency conversion, visible adjustable
Color deflection:	equipped with
C afterglow:	8, visible and adjustable
Color map:	7, visible and adjustable
Color reversal:	adjustable
B/C split screen synchronous display function:	equipped with
Color baseline:	7, visible and adjustable
Color line density:	adjustable

Spectrum Doppler mode	
Sampling volume angle correction:	-80 degree to 80 degree adjustable
Sampling volume:	0.5mm-48mm visibility adjustable
Frequency:	≥ 5, visible and adjustable
Baseline:	7 adjustable
Smooth:	8 files can be adjusted
False color:	7 kinds of adjustable
Maximum display blood flow:	measurement speed 25m/s
Minimum resolvable blood flow:	measurement speed: 0.1mm/s

►► Measurement and analysis function:

- General measurement distance, area, angle, time, slope, heart rate, velocity, acceleration, spectrum tracing, resistance index / pulsatility index, etc.
- Professional software package: abdomen, volume, ratio, obstetrics and Gynecology, small organs, carotid artery, Urology

►► Graphic and text management system

- Host built in $\geq 120\text{G}$ solid state hard disk to start fast and stable
- Movie playback: 600 frames
- Internal patient file information management system: can record patient number, name, check number, check date and so on, and can be searched and managed by numbering, checking number, name and so on
- The type of report is 3
- One key fast report graphic and text management

Interface	
USB interface:	3
Audio interface:	1
HDMI interface:	1
LAN interface:	2

►► Technology, after-sales service and other requirements

- After acceptance, the warranty is free for two years
- Manufacturer has ISO13485 certification.

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.

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

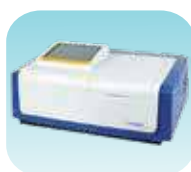
Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

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Chromatograph



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Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
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Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
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Water purification
system

Regulatory compliances



Corporate Social Responsibility

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



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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.

Reach us @



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