

Potable Colour Doppler Ultrasound Scanner - 3580 B



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Specifications

The familiar PC system makes the system intuitive and easy to use. Flexible design allows system to be used conveniently.

Displaying mode	B,B/B,4B,B/M,M,PW,B/C,B/C/D,B/D, duplex, triplex, CFM, CW Optional)
Signal processing:	Full-digital beam forming, dynamic filter, dynamic real time receiving focusing, RDA, spectral processing, CFM processing, real-time dynamic focusing, dynamic aperture in all fields
Image processing:	THI PSHI TM broadband multi-frequency harmonic image Speckle-reduction Power adjustable Smoothing function iBeam TM intelligent space image technology iZoom TM undistorted full screen image Free Xros M Engineer control technology with low power consumption Edge enhancement Image optimizing disposal One-key optimization Image conversion Doppler Sound output volume adjustable Wall filter adjustable Base line adjustable Sampling frame adjustable Spectrum sampling volume adjustable Spectrum sampling volume angle adjustable PRF adjustable Continuous Wave Doppler (Optional)
General measurement	B mode-distance, circumference, area, volume, angle, area Red, Diam Red M mode- distance, time, velocity, heart rate
Abdomen measurement	Liver, GB, Aorta, GBWT, CBD, Portal Vein, Spleen
OB packages	EDD table :GS ,BPD, CRL,FL,YS,TAD,LV,OFD,NT,AC,HC, APAD, Cxlength.
Gynecological packages	Uterine measurement (Uterine diameter, uterine endometrial); left/right ovary measurement; left/right sacculus measurement; Cervix; Uterine depth
Urology packages	Left/right kidney measurement, Volume, Cortex
Small parts Measurement	Left/ right thyroid, volume, Isthmus and calculating report
Cardiac Measurement Package	Heart rate, Valve speed, LV, aortic, mitral, ventricular

Skeletal & Muscles	Skeletal & Muscles, distance, area, Hip angle
Vascular	Senosis D, senosis A, Lt/Rt VVA, Lt/Rt Rulb, Lt/Rt ICA
Scanning depth	300mm
Body mark	Abdominal ,Cardiology, Gynecology, Obstetrics, Small parts
Cine loop	Automatically & manually, speed control
Image storage format	BMP, JPEG, PNG
Input/output ports	VGA, USB port, DICOM port
Standard Configuration	Main unit, 12 inch LCD monitor, 3.5Mhz convex probe ,2 probe connectors, hard disk, battery, , DICOM 3.0
Options	7.5Mhz linear probe, 6.5Mhz transvaginal probe, 3.5Mhz micro-convex probe, 3.5Mhz phased array probe, 4D volume probe, trolley, laser printer

►► Regulatory compliances



►► Corporate Social Responsibility

Analytical Foundation is a Nonprofit Organization (NGO) found for the purpose of:



Analytical Foundation

1. Research & Innovation Scientist's awards / QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at info@analyticalfoundation.org

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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