

Portable Digital Color Doppler Ultrasound System ATL 3320 PCD



EPC/LABS/PRODUCTS/APPLICATIONS/SOFTWARE/ACCESSORIES/CONSUMABLES/SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net



Mobility

Innovative Design

- Lightweight (7.5Kg / 16.5lbs)
- Wide-viewing angle 15" LED (0° - 30° tilted)
- Removable battery, 120 minutes in active mode
- Dual transducer ports (Built-in)
- Probe holders
- Ports: USB, LAN, VGA, DVI, Video, Remote
- Ergonomic trolley (accessory box, printer socket & probe holders, optional: theft-proof lock)
- Short-cut key function
- Multi-language



Clinical Versatility

A complete solution for ultrasound diagnosis

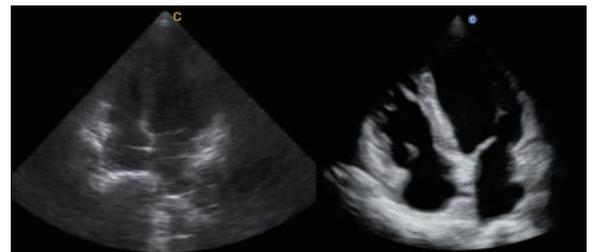
- Cardiovascular
- Radiology
- Internal Medicine
- Small Parts
- General Imaging
- Vascular
- Intensive Care
- Emergency
- MSK
- Point of Care



Advanced Technologies

FHI

- FHI is an innovative harmonic imaging technology that uses multiple transmission and receiving methods based on the patient's size and weight. This allows the ATL to maintain image resolution when imaging larger patients.
- Traditional Tissue Harmonics and Phased Harmonics compromise image quality and resolution when penetration is increased.
- Chison's FHI technology greatly improves diagnostic abilities and clinical confidence in larger, difficult-to-image patients.



FHI OFF

FHI ON

Q-flow

- This adaptive color detection technology can automatically adjust the assessment of color signal and noise according to different tissues.
- As a result, color sensitivity of low-velocity flow is significantly enhanced.



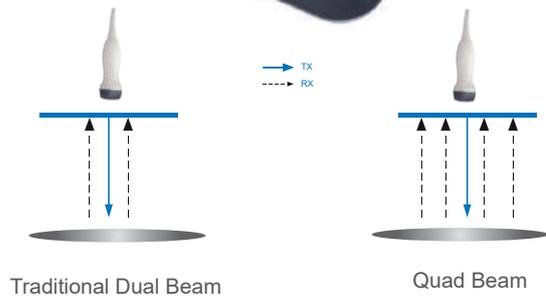
Q-Flow OFF

Q-Flow ON



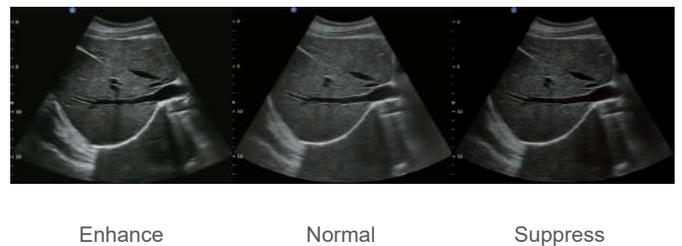
Q-beam

- Compared to the traditional dual-beam former on most ultrasound machines, the ATL uses quad-beam technology for ultrasound signal receiving.
- Doubles the volume of signals received over traditional methods, increasing image resolution and generating more accurate images.
- Produces higher frame rates, ensuring better diagnostic confidence and efficiency, especially for moving organs.

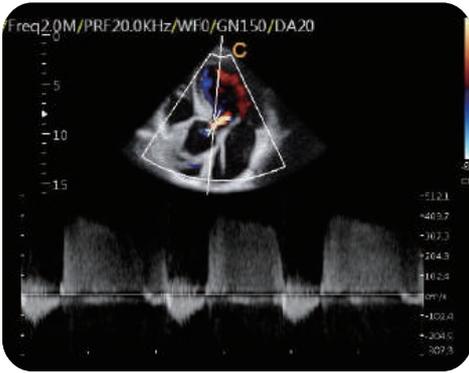


X-contrast

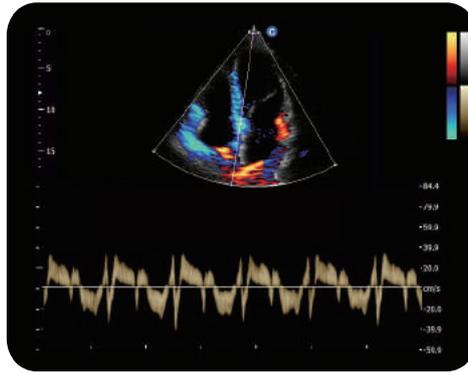
- The ATL allows one-touch user-adjusted contrast resolution based upon differences in tissue density.
- Enhance, Normal, and Suppress settings increase or decrease contrast resolution, based on the tissue type and user preference.



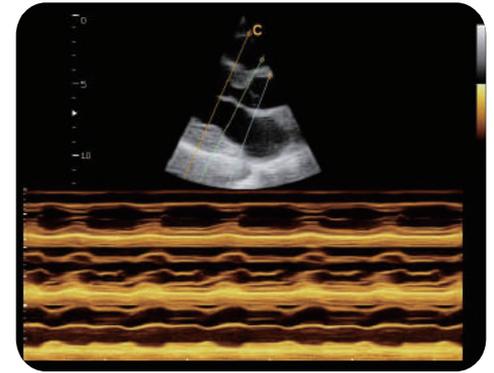
Diagnostic Confidence



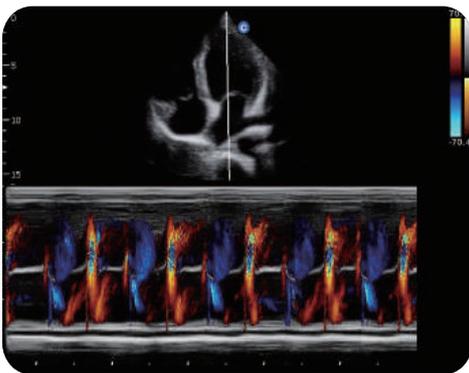
Aorta valve regurgitation, CW Mode



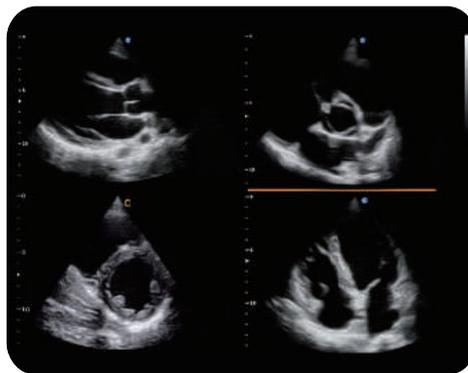
TDI, PW Mode



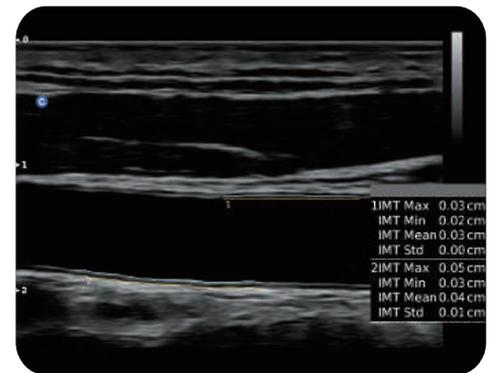
LV Long Axis, Free M Mode



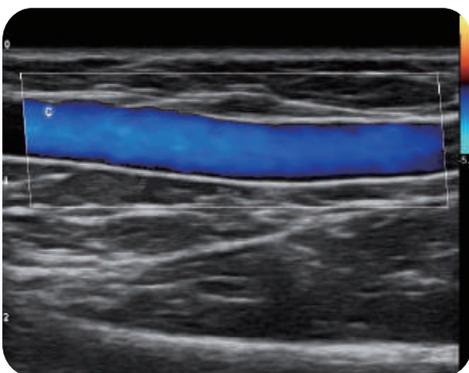
Apical Four Chambers, Color M Mode



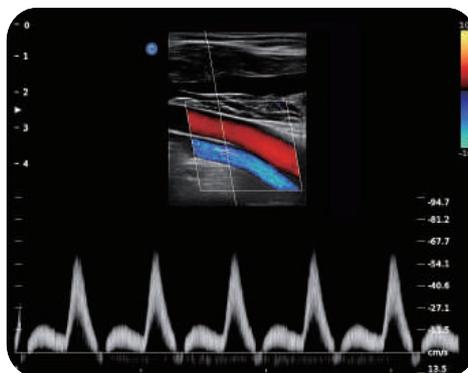
Cardiac, 4B Mode



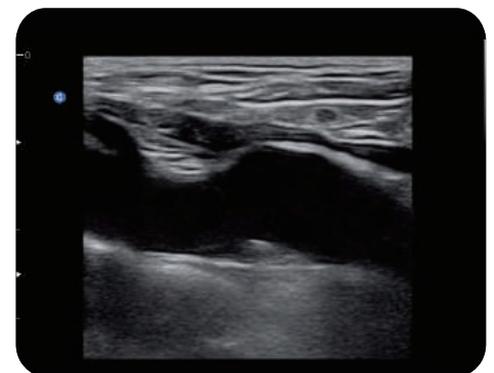
AUTO IMT



Superficial Vessel < 1cm depth, C Mode



Popliteal Artery, Triplex Mode



Carotid Plaque, B Mode



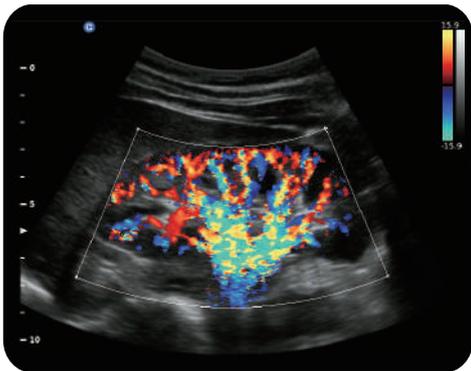
Uterus, B Mode



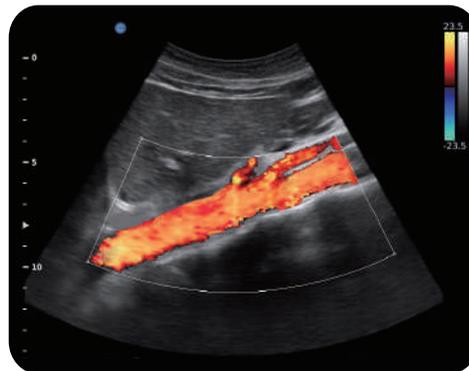
Liver, B Mode



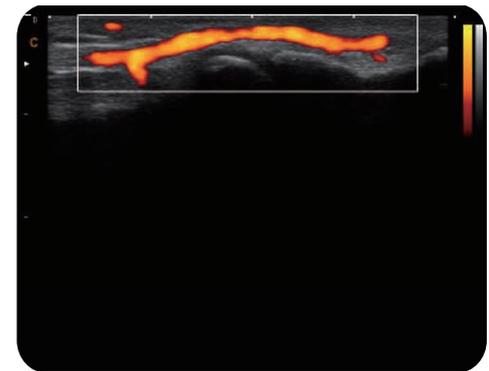
Fetal Heart, B Mode



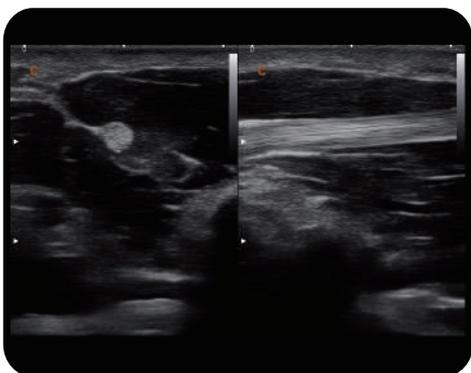
Kidney, C Mode



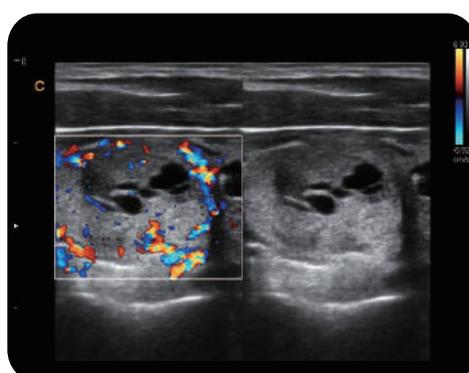
Aorta Artery, C Mode



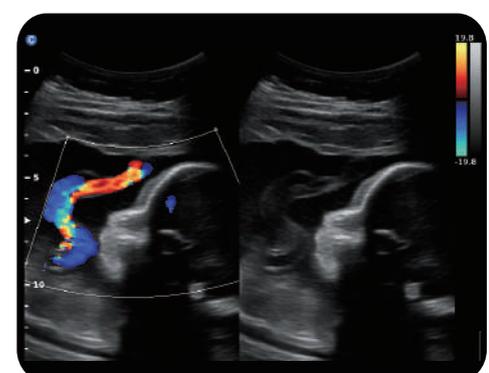
Superficial Vessel < 0.2cm depth, CPA Mode



Primary flexor tendon , 2B Mode



Thyroid multiple adenomas, B/BC Mode



Umbilical Cord, B/BC Mode



2.0 - 6.8 MHz
Convex C3-E



4.0 - 15.0 MHz
Linear L7-E



7.0 - 18.0 MHz(With FHI)
Linear L12-E



4.0 - 15.0 MHz
Linear L7W-E



1.5 - 5.3 MHz
Phased Array P3-E



2.0 - 8.0 MHz
Phased Array P6-E



4.0 - 12.0 MHz
Transvaginal V6-E



4.0 - 15.0 MHz
Transvaginal V7-E



4.0 - 15.0 MHz
Trans-Rectal L7R-E



2.0 - 6.8 MHz
Micro-Convex MC3-E



4.0 - 12.0 MHz
Micro-Convex MC6-E



4.0 - 10.7 MHz
Micro-Convex MC5-E

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



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▶▶ **Our Products & Technologies**

						
UV/VIS Spectro 2060+ Double Beam	FTIR	Gas Chromatograph 3000	Gas Chromatograph 2979 Plus	Flash Chromatograph	Atomic Absorption Spectrophotometer	Liquid Partical Counter
						
Optical Emission Spectrophotometer	DSC/TGA	NOVA 2020 plus Automated Bio Chemistry Analyzer	HEMA 2020 Hematology Analyzer	Micro Plate Reader/Washer	URINOVA 2800 Urine Analyzer	Total Organic Carbon
						
Fully Automated CLIA	NOVA Basic Semi-Auto Chemistry Analyzer	PCR/Gradient PCR/ RTPCR	Blood Gas Analyzer	Random access Analyzer for immunoassay Proteins & clinical chemistry	Semen Analyzer	Water purification system

▶▶ **Regulatory compliances**



▶▶ **Corporate Social Responsibility**

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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 @**



HPLC Solutions MultipleLabs Analytical Bio-Med Analytical Distributors Analytical Foundation (Trust)

Corporate & Regd. Office:
Analytical House, # E67 & E68,
Ravi Park, Vasna Road, Baroda,
Gujarat 390 015. INDIA

T: +91 265 2253620
+91 265 2252839
+91 265 2252370
F: +91 265 2254395

E: info@hplctechnologies.com
info@multiplelabs.com
info@analyticalgroup.net
info@analyticalbiomed.com

W. www.ais-india.com
www.analycalgroup.net
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