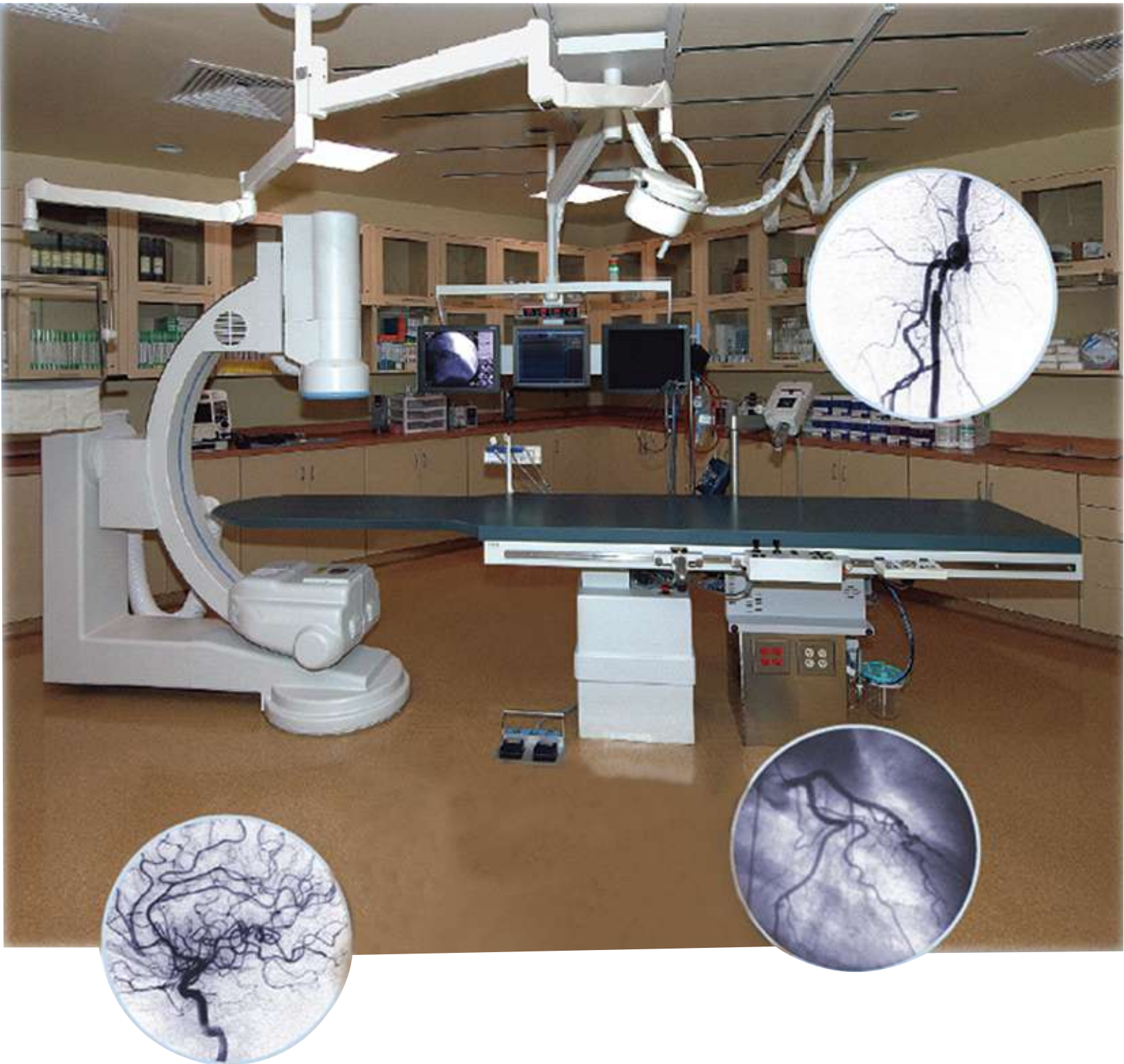


# DSA Lab ATL-DSA-3000



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

**Analytical Technologies Limited**

An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)

## ▶▶▶ Cardiac Cath & Cardiac Cath/Angio (DSA)

Analytical Technologies, an industry leader and pioneer in the design and development of EP Fluoroscopic Imaging Systems, has now developed the ATL-DSA-3000 (Cardiac Cath) and the ATL-DSA-3000 Dual Use (Cardiac Cath/Angio DSA) Imaging Systems.

The systems are straight-forward in design without an overabundance of bells and whistles. Rock-solid, the systems have a reputation for excellent image quality, easy operation, high throughput, high uptime and very low maintenance costs.

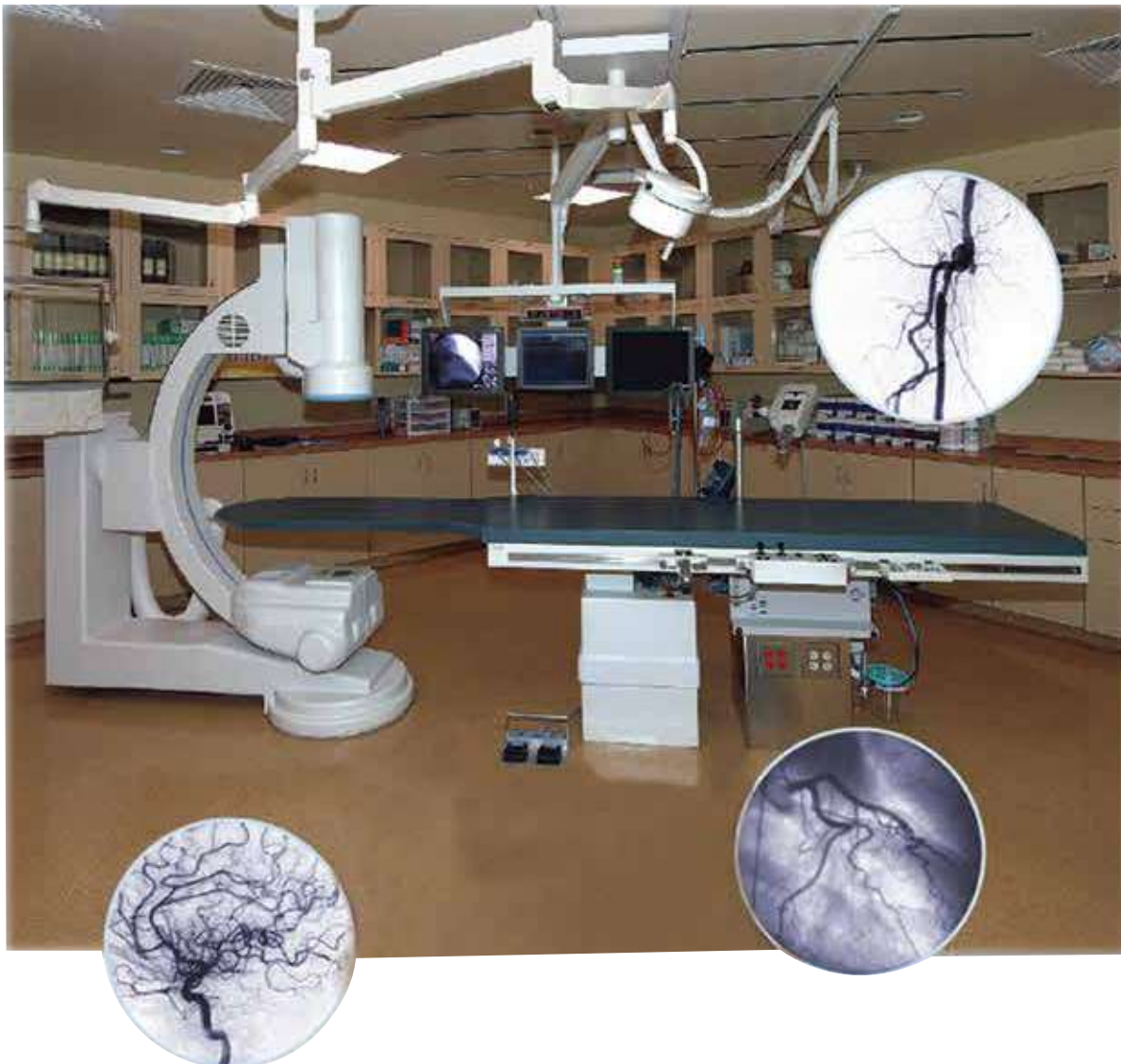
At the heart of the ATL-DSA-3000 and ATL-DSA-3000 systems is the prince star Digital image processor. This high-quality Digital Images Processor coupled with our Advanced CCD Camera provides excellent image quality at low X-Ray Dose to the patient and operator. This image processor, with it's intuitive controls and simple menus let the operator focus on the procedure and not the system operation.

Analytical Technologies offers a very cost-effective alternative to the major multi-national manufacturers resulting in a much lower total cost of ownership. As the industry strives to control costs, Analytical Technologies medical Imaging remains committed to providing high-quality, cost-effective Imaging systems. The result of this commitment provides both hospitals and private practitioners with excellent outcomes for patients and providers.

Gray scale depth of atleast 8 bit pixels possible at farm speed.

Image storage capacity of 1,00,000 image at 1024 x 1024 matrix at a minimum of 8 bits/pixel on main system and hard disk.

On line aquisition and display of DSA image at 1024x 1024 matrix with DSA post processing.



Analytical Technologies medical, imaging specializes in the design, manufacturing and distribution of cardiovascular imaging systems of the highest quality, offering hospitals, physicians and patients unmatched clinical performance and demonstrated economic value.



### ▶▶▶ Image Quality

Analytical Technologies Cardiac cath and Dual Use Cardiac Cath with Angiography (DSA) systems utilize an Image Processor and CCD camera designed specifically for cardiac and vascular imaging. The combinations of Image Processor and large format CCD camera produces 1024 x 1024 x 12 bit deep image resolution with wide dynamic range and excellent contrast in both fluoroscopy and Cine.

### ▶▶▶ Dual Use Cath & Angio

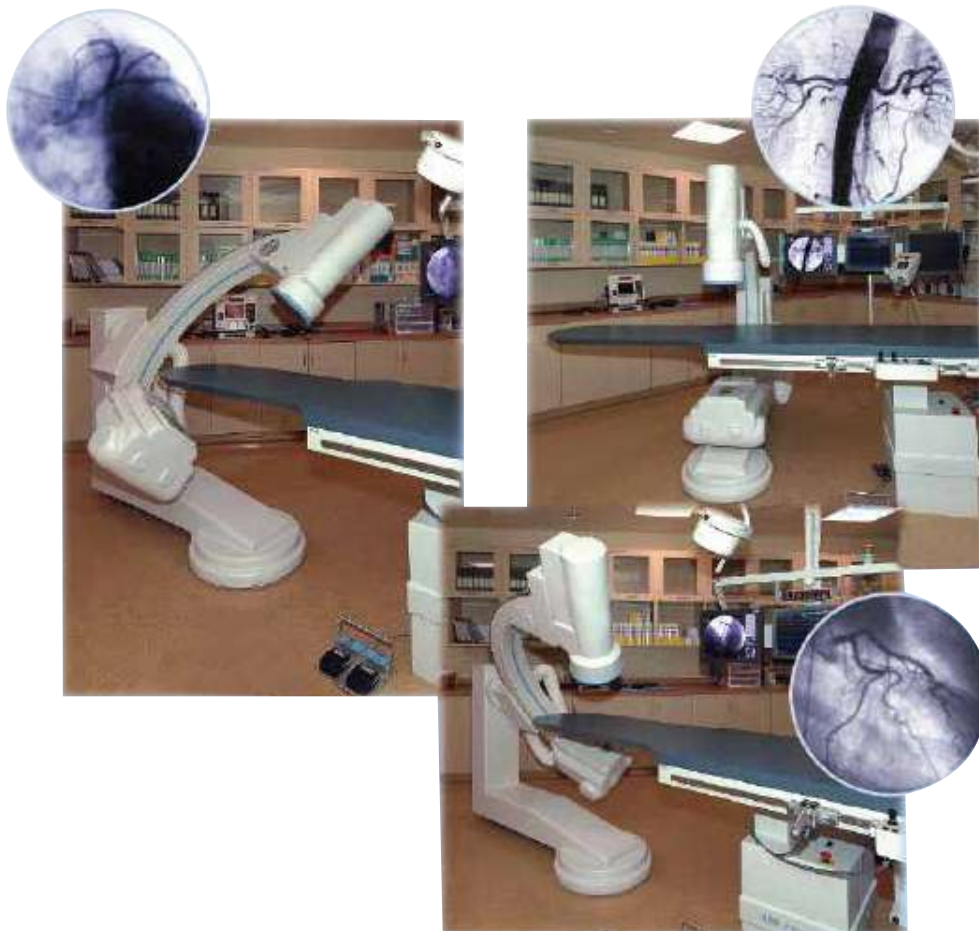
Analytical Technologies Dual Use system increases the hospital's capabilities by allowing Cardiac Cath & Angiographic (DSA) studies to be performed on a single platform. The Dual use system allows faster patient throughput to maximize the department's productivity and offers substantially decreased acquisition cost.

This is very important for all hospitals where cost containment is of paramount concern.

### ▶▶▶ Cross sectional imaging

2. Cross sectional 3 D images using 3 D reconstruction algorithms for 3D reconstruction of chambers and vessels of heart from projection images of a rotational angiography.

2. The system has ECG triggered and untriggered 3D acquisition and processing capability.



Analytical Technologies isocentric LC positioner is designed to obtain the most demanding angles for cardiac imaging. The L/C movements are motor controlled and combined with auto-image rotation to provide continuous heads-up image. Controls can be mounted on either side or at the foot end of the table.

▶▶▶ Regulatory compliances



▶▶▶ Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:  
 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](mailto:Info@analyticalfoundation.org)



**Analytical**  
**Foundation**

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](mailto:info@hplctechnologies.com)  
[info@multiplelabs.com](mailto:info@multiplelabs.com)  
[info@analyticalgroup.net](mailto:info@analyticalgroup.net)  
[info@analyticalbiomed.com](mailto:info@analyticalbiomed.com)

W. [www.ais-india.com](http://www.ais-india.com)  
[www.analyticalgroup.net](http://www.analyticalgroup.net)  
[www.hplctechnologies.com](http://www.hplctechnologies.com)  
[www.multiplelabs.com](http://www.multiplelabs.com)

Sales & Support Offices:  
 across the country :  
 Distributors & Channel  
 partners World Wide

Note : Company reserves rights to add/delete/modify the contents / technical specifications of the catalogue without prior notice.