



AnaSys offers complete solutions for all the analytical needs in a laboratory by providing world class analytical Instruments, consumables, effective consultancy and maintenance services to customers. Since its inception in 2012, in Kolkata, company's only growth driver has been customer satisfaction and every step was taken to align all its business procedures that would ensure quick and efficient fix for a problem that a customer might have. The company believes in partnering with its customers and helped them become more productive by designing Services entirely based on the specific needs of the customers. For AnaSys the flexibility comes from years of Industry experience. AnaSys is proud to have a Team who are highly knowledgeable, hardworking, customer focused and motivated to always exceed the expectation of their customers. It is a professionally managed company and it maintains highest level of ethical and legal Standard.

Partner Company



Industry Focus

- Food & Beverages
- Quality Assurance Lab.
- Pharmaceuticals
- Bio-Chemicals
- Gas and Petrochemicals
- R & D of Beauty Industry



Model: SCION GC 8500

The SCION 8500 GC Gas Chromatograph is versatile and offers flexibility. Supporting three injector and four detector positions (including the mass spectrometer) with full independent access, no other gas chromatograph system provides this capability. SCION 8500 GC is the platform for over 50 different configured analysers for petroleum, petrochemical and specialty gas applications. The perfect GC for any analytical challenge due to the wide array of options for configuration.

Highlights

- Ultimate flexibility/configurability.
- Fast ramping over (150°C/minute)
- Three channel architecture, with up to 3 injection ports and 4 detectors (including MS)
- 10" High resolution full-colour touchscreen, 16 languages supported
- Electronic Flow Control (EFC), up to 21 channels at 0.001psi resolution.
- Flexibility to add samplers, valves, valve oven, backflush and column switching capabilities, etc. Programmed and controlled and through CompassCDS

Crystal 9000 is a high-end gas chromatography system created to meet all challenges. The original design of the system's components offers a universal platform to reach maximum flexibility and efficiency.

25 years of experience launched Chromatec to develop the fully automated Crystal 9000 GC to cover a wide range of applications with the easiest way to function.

Crystal 9000 GC's additional tools and accessories could be provided to increase productivity and laboratory throughput.

By that, we have managed to reach the unreachable, unifying the three aspects of any analytical instrument:

- **Performance** in task solving
- **Stability** during the time
- **Cost-saving**

KEY FEATURES

- GAS FLOW & PRESSURE CONTROL:
UNIFIED ELECTRONIC PNEUMATIC SYSTEM (UEPC)
- MAXIMUM TOTAL FLOW:
1250 ML/MIN FOR ANY GAS
- OVEN TEMPERATURE RANGE:
UP TO 450 °C WITH UNLIMITED NUMBER OR RAMPS
- PRESSURE CONTROL SET POINT RESOLUTION:
0.01 KPA / 0.001 PSI
- NUMBER OF INLET/DETECTORS SIMULTANEOUSLY:
3 INLETS / 4 DETECTORS
- DETECTOR RANGE:
FID, FPD, TCD, ECD, PID, CCD. PDD, MSD
- INLETS AVAILABLE:
PACKED
SPLIT/SPLITLESS
PROGRAMMABLE SPLIT/SPLITLESS (PTV)
- RETENTION TIME REPEATABILITY:
0.008 MIN



Model: Chromatec Crystal 9000



Model: SCION 8700 SQ-MS

The SCION 8700 SQ-MS is designed for today's fast paced analytical laboratory. Innovative design features such as a Lens-Free ion path, heated ion optics and an Extended Dynamic Range (EDR) detector enable the SCION SQ to deliver accurate quantification and identification on a routine basis, even in complex matrices. As ions pass through a mass spectrometer a significant portion is lost every time they encounter a lens. Due to its unique design the SCION SQ doesn't have any lenses thus increasing the sensitivity of the instrument by reducing ion losses. Another major advantage of having no lenses the source is the only part to clean, so you can spend more time analyzing samples and less time maintaining your instrument. The SQ is integrated with our SCION 8300 or 8500 GC as sole or as additional detector.

Highlights

- Innovative lens-free ion path delivers simplify tuning
- Off axis source and detector increase sensitivity
- Active focusing Q0
- Dual filament source increases uptime
- Compound-based scanning software



Model: SCION 8900 TQ-MS

The SCION 8900 TQ-MS has a small footprint but does not compromise on quality. Offering superior sensitivity and robustness based on innovative ion optics, and fast and easy method development. Coupled to our outstanding GC instruments, the SCION 8900 TQ-MS system defines a new standard of usability for quantitative analysis. Available in two models, the SCION 8900 TQ-MS offers a flexible solution for any laboratory.

Highlights

- Fastest GC-triple quadrupole on the market (30,000 Da/s, 1000 MRM/s)
- The most sensitive GC-TQMS available
- Small footprint without compromise on quality
- Active focusing Q0
- Compound-based scanning software



Spares and Consumables

AnaSys offers a range of **spares and consumables** tailored for both gas and liquid chromatography, meticulously crafted to support the uninterrupted progress of your analysis. Explore our selection of chromatography consumables below.

- Gas Clean Filters
- GC injectors and Detectors
- Sample Vial and Caps
- Column for GC and HPLC
- Septa, Nut, Ferrules, Inlet Liners etc.
- Gas Purification Filters
- GC Syringes.
- HPLC Pump, Detector, Organizer, Column Oven etc.



Model: APIX Micro-GC

ChromPix®2 (4 channels) and his little brother **TwinPix®** (2 channels) are **modular multi-gas analyzers** for industrial and laboratory use. Plug our modules inside and get started!

Features

They feature unmatched flexibility with up to 4 different analytical columns, up to 4 different carrier gases and the ability to analyze simultaneously 4 different samples. They are the first truly plug-n-play GCs and will soon include an injector for liquids analysis.



Model: Scion LC6000

The Scion 6000 Series HPLC aims for confidence in results through outstanding life-time performance. A robust design maximizes uptime and productivity levels whilst minimizes cost of operation. The SCION 6000 Series offers an array of automation options for workflow optimization, making our lab experience the best and easiest possible.

Key Values

- **Superior gradient performance and excellent flow rate precision**
The Scion 6100 Quaternary pump has a new low-pressure mode called High Frequent Mode (HFM), which utilizes a double switching function of proportioning valves. HFM with the high-speed real-time feedback control system greatly suppresses liquid pulsation for superior reproducibility of gradient and retention times.
- **Excellent injection volume precision and ultra-low carry-over**
The newly adopted high-precision syringe drive unit provides excellent injection volume precision. Dead volume in the SCION 6210/6220 Autosampler flow path has been minimized. Syringe washing protocols, and stringent temperature control has resulted in a superior precision autosampler with extremely low carry-over.
- **Best Chromatography**
The SCION 6310 Column Oven delivers accurate Peltier-based heating cooling profiles, delivering sharp peaks with excellent peak symmetry. The column oven accommodates three 250 mm ID-tagged analytical columns fitted with a guard-column. We are able to offer a full product line of LC columns with our 6000 Series HPLC, effective immediately. A wide selection of base materials, dimensions, functional groups and particle sizes is now available to fit most HPLC applications.
- **Excellent Detector Performance**
The 6000 Series HPLC line-up comes with a portfolio of detectors including Ultra Violet and Diode Array Detector, Fluorescence and Refractive Index all designed for stability, precision and sensitivity.



Model: Hitachi Chromaster HPLC

Outstanding Performance

Two performance capabilities supporting data reliability: excellent reproducibility made possible by the pump and autosampler and excellent stability of the column oven and detector.

Easy-to-use

Along with simple operation and ease of use, Chromaster offers ease of maintenance, a critical requirement for HPLC.

Robustness

Hitachi's reputation for instrument robustness and reliability continues with the Chromaster, which is built using stronger materials and manufactured with Hitachi's strict quality control standards.

Specification

Pump: Pressure up to 40MPa/60MPa

Column Oven Temperature setting range: 1 ° - 90 ° (1 ° Step)

Column Capacity: 300 mm X 3(Maximum)

ChromasterUltra Rs, an ultra-high performance liquid chromatograph, provides the ultimate in high performance, high resolution, and high sensitivity analysis that are becoming requirements for research and development in pharmaceutical and chemical fields.

Lineup:

- Diode array detector (DAD) system
- UV-VIS detector system



Model: Hitachi ChromasterUltra Rs

Our **semi-micro balance** range is the epitome of innovation, precision and quality. Our Semi-micro balance range have a readability of 0.01 mg (0.00001 g) and a weighing range up to 225 g.

A semi-micro balance is ideally suited for use in research and development laboratories as well as in the pharmaceutical and chemical industries, where maximum precision and reliable results are essential.

What we Have:

1. Semi-Micro Balance
2. Analytical Balance
3. Precision Balance
4. Moisture Analyzer



Model: Precisa Analytical Balances



Model: Spectra Analysis DiscovIR GC

Spectra Analysis Instrument's **Fourier Transform Infrared (FT-IR) systems** are fully automated to **Gas and Liquid Chromatography** for analysis of complex mixtures providing high fidelity **solid phase spectra** for a broad range of applications.

- Forensic Analysis
- Polymer Characterization
- Pharmaceutical Formulation
- Flavor and Fragrance
- Food and Agriculture
- General Analytical Needs



Model: HIRANUMA Titrator

"Titration" is a method of determining the concentration of a solution whose concentration is unknown using a solution whose concentration is known. In manual titration, the reagent is dropped using a glass burette and the end point is determined by visually observing the change in the color of the indicator. However, automatic titration equipment uses potentiometric titration using electrodes to determine the end point, eliminating individual errors. Additionally, everything from adding reagents to calculating concentrations is done automatically, making analysis more efficient. A variety of titrations are possible by using suitable electrodes and titrants.

Type of Titrator:

- Automatic Titrator
- Karl Fischer Titrator



Model: KITAGAWA Gas Detector

The main uses

Work Environment Measurements

Many of our detector tubes are used for Ministry of Labor's Work Environment Measurement Standards in Japan. It is useful for environmental protection for workplaces such as workshops, buildings, and offices.

Prevention of Fire and Explosion

The concentration of combustible gases can be measured quickly and, on the spot, enabling utilization for the prevention of fire or explosion due to leaked or generated gas.

Process Control

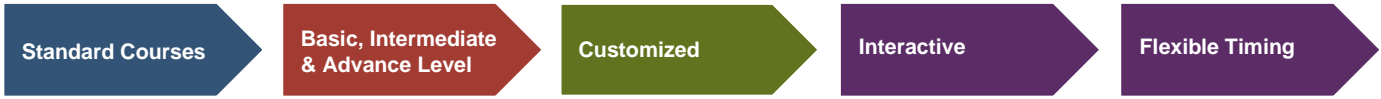
In various industries where gases are used as material or intermediate, impurities can be measured with our detectors in order to achieve higher quality, prevent poisoning of the catalyst, and raise the production efficiency.

Source Detection

Toxic gases such as sulphureous acid gas and nitrogen oxides in flue gas are easily detected at the actual spot, and it is useful for the detection and control of an air pollution source.

OUR SERVICES

AnaSys believes in partnering with customers and help them become more productive by designing Services entirely based on their specific needs. For AnaSys, the flexibility comes from years of industry experience. Through a professional service management tool, every details of breakdown are noted and periodically a report can be generated. Very often a breakdown can be prevented by timely PM visit and a complete cover comprehensive contract removes all anxiety from customer's mind. And this comes at an affordable price.




Annual Maintenance Service Contract:

We provide non comprehensive AMC which is an agreement with customer for total care, repair and maintenance of analytical instrument to maintain quality output with long term satisfactory performance




On call Instrument Repair Service:

We provide On-Call breakdown maintenance service with quick solution. Breakdown contract will ensure to assist in repairing your instrument at urgent basis to continue smooth and productive output of the Instrument.



On Site Customer Training:

We provide onsite training, which is an amazing opportunity for instrument user to apply the skill about instrument that learned through studies. Through training one get to see real-life situation and learn to investigate components hands-on.




Instrument Validation (IQOQ):

We provide the documented verification that the system performs as intended through all specified operating range. Instrument should be firmly operated only when it passes the validation process.




Application Development:

We also provide application support to the new and existing user of analytical instrument.



24 x 7 On Call Assistant

We provide on call assistance to our customer to help them instantly, and provide them the solution for the problem which they are facing. It will be a benefit for the customers who lives in other states. Also in situation like pandemic it helps customer to get the solution instantly. We have a strong team with years of experience in this industries. They are always ready to help the customer in any situation.



eLearning and Skill Enhancement

E-Learning is the flavor of the day. In this pandemic scenario the traditional classroom type learning practices are rightly being discouraged. However now is the time, when extreme stress is also being put on everyone to perform well. Skill development through training is the key to improve competence. And online training courses is the better way to meet up the requirement. Anasys provide interactive & less expensive online training in basic, intermediate an advanced level to small, medium and large group of instrument users which called "eLASE" programme, to provide an effective solution for emerging need of the customers.



<https://anasyssolutions.com>