

# FACA - 3910

**Fully Automated Chemiluminescence Analyzer**



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

**Analytical Technologies Limited**

An ISO 9001 Certified Company

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

## ►► Convenient and Efficient

It allows blood collection tubes to be directly loaded, supporting batch, random and emergency modes; the testing speed can reach 120 tests/h With a miniaturized structure, it just covers an area of 0.2m<sup>2</sup>

## ►► Unique Design

Automatic spinning and mixing of magnetic bead reagent chamber and vaporation-proof design of the loaded reagent

## ►► Intelligent and Integrated

Integration of incubation, cleaning and detection to improve the detection efficiency Streamlined man-machine interaction, touch-screen operation, and loading consumables online in real time

## ►► Abundant Items

Full-item detection involves hundreds of items, e.g. cardiac markers, inflammation, thyroid function, bone metabolism and anemia

## ►► Main Parameters

Detection principle: Acridinium ester direct chemiluminescence

Test speed: 120 tests/h

First sample result time: 12 minutes

Sample type: Serum, plasma, whole blood, urine

Sample position: 30 nr.

Reagent position: 10 nr. (2°C-8°C cryogenic refrigeration system)

Sample volumes: 50 µl per test for infants and old age patients.

## ►► Item Menu

Cardiac Markers	
Cardiac troponin I	cTnI
Myohemoglobin	Myo
Creatine kinase-MB	CK-MB
N-terminal pro-brain natriuretic peptide	NT-proBNP
D-dimer	D-Dimer

Thyroid Functions	
Total triiodothyronine	TT3
Free triiodothyronine	FT3
Total thyroxine	TT4
Free thyroxine	FT4
Thyroid-stimulating hormone	TSH
Anti thyroglobulin antibody	TG-Ab
Anti-thyroid peroxidase antibody	TPO-Ab

Health Elements	
25-Hydroxyvitamin D	25-OH VD
Ferritin	Fer

8 Check-ups before Surgery	
Hepatitis B surface antigens	HBsAg
Hepatitis B surface antibodies	Anti-HBs
Hepatitis B e antigen	HBeAg
Hepatitis B e antibody	Anti-HBe
Hepatitis B core antibody	Anti-HBc
Antibody to hepatitis C virus	Anti-HCV
Antibody to treponema pallidum	Anti-TP
Human immunodeficiency virus	HIV

Inflammation	
Procalcitonin	PCT
C-reactive protein	CRP
Serum amyloid A	SAA
Interleukin-6	IL-6

Gonadal Hormones	
Luteinizing hormone	LH
Follicle stimulating hormone	FSH
Free estriol	FE3
Estradiol	E2
Human chorionic gonadotropin	HCG
Progesterone	PROGESTERONE
Testosterone	TESTOSTERONE
Pregnancy-associated plasma protein-A	PAPP-A
Growth hormone	GH

Tumor Markers	
Pepsinogen I	PGI
Pepsinogen II	PGII
Alpha fetoprotein	AFP
Carcino-embryonic antigen	CEA
Neuron-specific enolase	NSE
Cancer antigen 125	CA125
Cancer antigen 153	CA15-3
Carbohydrate antigen 199	CA19-9
Pro-gastrin-releasing peptide	ProGRP
Human epididymis protein 4	HE4
Total prostate specific antigen	tPSA
Free prostate specific antigen	fPSA
Cytokeratin 19 fragment	CYFRA21-1
Squamous cell carcinoma antigen	SCC
Carbohydrate antigen 242	CA242
Carbohydrate antigen 50	CA50
Cancer antigen 72-4	CA72-4
β2 microglobulin	β2 MG
S100 protein	S100
Prostatic acid phosphatase	PACP
Prolactin	PRL
Human chorionic gonadotropin*	HCG
β-human chorionic gonadotropin	β-HCG
Calcitonin	CT

## 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.

**AMC's/CMC** :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

**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

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

## Our Products & Technologies



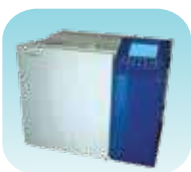
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Chromatograph  
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Optima Gas  
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Spectrophotometer



DSC/TGA



Semi Auto Bio  
Chemistry Analyzer



HEMA 2062  
Hematology  
Analyzer



Micro Plate  
Reader/Washer



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Urine Analyzer



Total Organic  
Carbon 3800



Fully Automated  
CLIA



NOVA-2100  
Chemistry Analyzer



PCR/Gradient PCR/  
RTPCR



TOC  
Analyzer



Laser Particle  
Size Analyzer



Ion Chromatograph



Water purification  
system



## 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](mailto: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.



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