

IP-3820

Infusion Pump



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Technical Data

Infusion Rate : ml/h mode : 1~1200ml/h , d/min mode : 1~266 d/min

Unit Conversion : d/min and ml/h unit can be converted.

FF Rate : 100 ~ 1200 ml/h (100ml/step)

KVO Rate : 1 ~ 5.0ml/h

VTBI (volume to be Injected) : 1 ~ 9999ml

Cumulative Infusion Volume : 0 ~ 9999.9ml

Infusion Accuracy : d/min mode: $\leq \pm 3\%$ (after calibration)
 ml/h mode: $\leq \pm 5\%$ (after calibration)

Air Bubble size : $\leq 25\mu\text{l}$

Anti- Bolus : Automatically release tubing pressure when there is occlusion.

Alarms Information : Near infusion finished, infusion finished, door open, air bubble, forgotten operation, battery low, battery empty, abnormal running state, equipment failure, power fault, replace infusion set, drop sensor is pulled out, etc

Power Source : Three options for power supply

First: 100-.24OVAC, 50/60Hz;

Second: Inserted Li battery 11.1V, capacity 1 800mAh; 4 hours backup time at the rate of 25ml/h for a fully charged battery.

Third: External DC 12V power supply

Drug Library : Up to 1000 drugs are provided.

Dimensions : 140mm (L) x 128mm (W) x 228mm (H)

►► Serial Infusion Pump



IP - 3820S

Rate & volume are editable:
 d/min and ml/h are selectable.



IP - 3820

Voice alarm system;
 Time setting;
 Rate and volume are editable;
 d/min and ml/h are selectable.



IP - 3820D

Voice alarm system;
 Up to 2000pcs history records;
 Drug library.

►► Safer Operation Excellent Performance

Design as portable



- One - Key operation to fulfill conversation between d/min and ml/h;



- System self-test is completed as turning on, which ensures safe work;
- Display with double screen to make remote observation possible;



- Lower noise and less vibration are supported by application of motor driver IC imported from German and motor imported from Japan.

►► Features

Drop sensor(Optional)

Remotely control infusion processes to realize safer and precise infusion.

Dual CPU

Safety are guaranteed by dual CPU design.

History Record Cassette

Up to 2000pcs records, including operation, alarm and modification; trackable treatments are ensured.

Pressure Monitoring

3Levels of occlusion pressure are available (high/medium/low).

Voice Alarm System

Exclusive technology to fulfill combination of human voice, legible words and lights.

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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Spectro 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



Atomic Absorption
Spectrophotometer



Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
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

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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