

FRACTION COLLECTORS



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Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► **Ideal for Prep HPLC, Protein, and Peptide Purifications.**

It is new high performance fraction collectors in one- and two-rack versions.

These fraction collectors feature:

- Sturdy cast aluminum frame
- Easy to use symbolic touch screen interface
- Built-in Ethernet and RS-232 communication capabilities
- Faster tube changes
- μ L delay volume between diverter valve and drop former
- Flow rates up to 100 mL/minute

The two-rack ATL R3002 fraction collector uses radio frequency identification to automatically detect collection racks for easy setup

These cold room compatible fraction collectors can be adapted to a broad spectrum of applications. The units can distribute fractions into 96 well microplates, standard tube sizes, and bottles. For essentially unlimited volumes, funnel racks can direct fluids to any collection vessel or downstream process.

►► **Collection Racks Fraction collectors may be chained together for greater capacity**

►► **The ATL R3001 accommodates one rack. The ATL R3002 accommodates two racks :**

- 12 mm diameter tubes (144/rack)
- 13 mm diameter tubes (144/rack)
- 16 mm diameter tubes (100/rack)
- 18 mm diameter tubes (72/rack)
- 25 mm diameter tubes (36/rack)
- 1.5 ml microcentrifuge tubes (60/rack)
- 50 ml centrifuge tubes (36/rack)
- 28 mm diameter scintillation vials (36/rack)
- 96-well microplates, 2 plates/rack (a double-space rack for the ATL R3002 holds six plates)
- MiniVials (72/rack)
- 480 mL bottles
- Funnel racks for fractions larger than 480 mL

►► Specifications :

Size (w, d, h):	ATL R3001: 12.25, 13.0, 14.0 inches (31.1, 33.0, 35.5 cm) ATL R3002: 12.25, 21.0, 14.9 inches (31.1, 53.3, 37.8 cm)
Weight:	ATL R3001: 16.95 lbs (7.7 kg) ATL R3002: 23.4 lbs (10.6 kg)
Maximum flow rate:	100 mL/minute
Delay volume:	Diverter valve located at drop former. Delay volume compensation only required for length of tubing to the diverter valve.
Peak detection:	Slope and/or level sense, with or without time window
Tube changes:	At detected peaks, plus drop counts, time, or external pump counts.
System control:	Operator: front-panel control via touch-screen LCD Integrated systems: direct communication with fraction collector via Ethernet (TCP/IP) and RS-232 serial communications.
Inputs:	Pump counter ¹ , external peak ¹ , inject ¹ , tube advance ¹ , analog peak voltage ² .
Outputs:	Pump pause ³ , tube change ³ .
Operating voltage:	100/117 VAC 50/60 Hz, 234 VAC 50/60 Hz

►► Notes :

1. High on +3.3 to 5 V or contact closure, active low, 30 ms min, 5 VDC max.
2. 0 to 1.0 V nominal, –1.2 to +1.2 V usable, –5 to +5 V max.
3. Outputs are open collector active low, 30 ms min, 5 VDC max.

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



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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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