

ECONOAIR PREMIUM PTR SERIES



L-5PTR



L-12PTR





ECONOAIR PREMIUM L-5PTR

The F&J ECONOAIR Premium L-5PTR personal air sampler consists of a pump contained in a high impact steel fiber filled Lexan, antistatic and RFI/EMI-shielded case, exclusive electronic circuit board for constant flow control (patent pending), an LCD display with 2 lines of 16 characters, a single diaphragm pump mechanism and a rechargeable NiMH battery pack. The L-5PTR can be programmed for timing routine activated sampling.

The purpose of this pump is to draw air contaminants in through a sampling media such as 25 and 37 mm filter cassettes, bubble impingers, long-duration color detector tubes; to gauge personnel exposure to gases, vapors, particualtes, aerosols, etc. The operator can select to report flow rates and volumes to ambient conditions or to a Reference Temperature and Pressure.



No tools are required to operate this pump and a password protected keypad locking system provides uninterrupted operation. The main display allows quick selection To RUN (for sampling) or MENU (to reset pumps data).

Other features include elapsed time, flow rate and accumulated volume. The built in timer counts down the sampling time up to 40 hours and automatically turns the pump off. All data is saved and cleared for next sample under the MENU "Clear All Data" option

Features:

- Runs 20 hours @ 2.0 LPM (37 mm 0.8µ filter)
- Increased back pressure capability, up to 50" of w.c. @ 2 LPM
- Accuracy: \pm 5% of compensation range
- High backpressure capable for 25 mm 0.45µ asbestos filters
- Flow compensation for filter plugging and battery voltage
- Dual flow range easily handles Impingers, cyclones and tubes
- "Auto-restart" within one minute of a flow fault
- Two-hour rechargeable single pack batteries and optional extended run with use of triple packs
- Battery pack rechargeable while attached or separately
- Compact, rugged and quiet
- Stainless steel belt clip with built-in tripod connector
- Key pad lock system
- Timing routine activated sampling
- Correction of flow rates and volumes to a Reference Temperature and Pressure
- Premium models are capable of Data Logging. PC Software and for download of data requires optional PC link cable
- The PC link with Windows 10 and Windows 11 operating system using the RS232 com port and the PC link cable
- Delayed start time with auto shut off feature is available upon request



PAS PTR Product Line Catalog

Performance Profile: Model: L-5PTR

Flow Range: 0.8 – 5 LPM (800-5000 cc/min)

5-800 cc/min with Universal Low Flow Holder **Compensation Range:**

5000 cc/min up to 10" water back pressure 4000 cc/min up to 20" water back pressure 3000 cc/min up to 30" water back pressure 2000 cc/min up to 50" water back pressure 1000 cc/min up to 50" water back pressure 800 cc/min up to 15" water back pressure **Accuracy:** \pm 5% of Compensation Range

Run time (hrs) at different back pressure and flow* rate (cc/min) Backpressure (inches of water)

| / | | 1 | | | | | | |
|-----------|------|------|------|------|------|-----|-----|-----|
| Flow Rate | 5" | 10" | 15" | 20" | 30" | 40" | 50" | 60" |
| 1000 | 27hr | 21hr | 17hr | 14hr | 10hr | | | |
| 2000 | 19hr | 17hr | 15hr | 13hr | 9hr | 7hr | 5hr | 3hr |
| 3000 | 17hr | 14hr | 11hr | 9hr | 7hr | 5hr | | |
| 4000 | 15hr | 11hr | 9hr | 8hr | 5hr | | | |
| 5000 | 11hr | 8hr | 6hr | | | | | |
| | | | | | | | | |

* Without Data Logging Feature Activated

Low Flow using Universal Low Flow Holder: 5 - 800 cc/min8 hours

Data Storage: Last flow rate, elapsed clock time and accumulated volume is saved into memory until cleared for next sampling.

Display: Backlit LCD with 2 lines of 16 Characters

Normal Operation: Battery Level, Flow Rate, Elapsed Time, Volume Collected, Timer

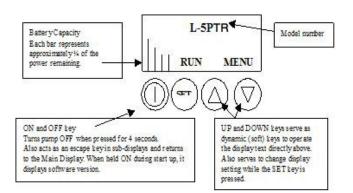
Flow Fault Displays: Flow Fault or Filter Off

Specifications

Power Supply:Single Pack, NiMH Batteries: 4.8V, 2.15 Ah Triple Pack, NiMH Batteries: 4.8B, 6.45 Ah Recharge Time:

| Recharge Time. | | | | |
|-----------------------------|------------------------------|--|--------------|---|
| Battery | | Charger | | |
| - | QuickOne | QuickFive | Standardizat | ion |
| Single Pack | 2 Hr | 2 Hr | 16 Hr | |
| Triple Pck | 6 Hr | 6 Hr | | |
| Quick-Chargers: | Input Voltage | e 100 to 240 VA | AC | |
| Standard-Chargers: | : Input Voltage | e 120 VAC or 2 | 30 VAC | |
| Approvals: CE EN | MC Directive () | EMCD) 89/336 | /EEC UL and | cUL (pending), ATEX (pending) |
| Temperature: | | | | |
| Operating | | $(0^{\circ}C \text{ to } 50^{\circ}C)$ | | |
| | | $(0^{\circ}C \text{ to } 50^{\circ}C)$ | | * Pump kit includes pump with a single pack NiMH battery, standard 120VAC battery charger, Luer hose |
| | | $(5^{\circ}C \text{ to } 40^{\circ}C)$ | | adapter, shirt/hose clip, 3 feet of vinyl hose and operating manual. Kit does not include Universal Low Flow |
| Case: Polycarbonate | | ed, RFI/EMI-sł | nielded | Holder for sorbent tubes. |
| Size: 4.5"H × 4"W | × 2"D | | | ** Pump 5-pack kit includes 5 each: pumps with single pack NiMH batteries. Luer hose adapter, shirt/hose |
| $(11.4 \text{ cm H} \times$ | $10.2 \text{ cm W} \times 5$ | 5 cm D) | | clip and 3 feet of vinyl hose. Also included is two opprating manuals, One QuickFive charger 100-240VAC and |
| Weight: 19 oz | (539 g) | | | a durable hard plastic 1500 Pelican case with lifetime warranty that accommodates additional accessories. Kit |
| | DESCRIPTI | | | does not inleude Universal Low Flow Holder for sorbent tubes. |
| 906200 | L-5PTR Pum | p Kit | | |
| 946200 | L-5PTR, 5-pa | ick Pump Kit | | |
| 109030 | Adjustable U | niversal Low F | low Holder | |

L-5PTR OPERATION DISPLAYS Main Display



ECONOAIR PREMIUM L-12PTR

NOTABLE FEATURES:

- Compact, Rugged and Quiet
- No tools required to change flow rates
- Flow setting is saved in memory for next day quick start
- Battery pack rechargeable while attached or separately
- Stainless steel belt clip with built-in tripod connector
- One-hour rechargeable batteries and extended run triple packs
- High impact steel fiber filled Lexan case, antistatic and RFI shielded
- "Auto-restart" within one minute of a flow fault
- Flows up to 12 LPM
- High backpressure capable for 25mm 0.45µ asbestos filters
- Built in washable stainless steel 100 micron filter for economy of use
- NiMH batteries; 6.45 Ah
- Displays: Total Accumulated Volume, Elapsed Time, Battery Life, Countdown Clock and Current Flowrate
- Timing routine activated sampling
- Correction of flow rates and volumes to a Reference Temperature and Pressure
- One year warranty
- Premium models are capable of Data Logging. PC Software and for download of data requires optional PC link cable
- The PC link with Windows 10 and Windows 11 operating system using the RS232
- Delayed start time with auto shut off feature is available upon request



GENERAL DESCRIPTION:

The ECONOAIR Premium L-12PTR is a low-cost high-performance personal air sampling pump. It is a simple model designed for sampling of asbestos, lead and other airborne contaminates. The rugged compact design features a rechargeable NiMH battery with available one-hour recharger. The L-12PTR can be programmed for timing routine activated sampling.

The sealed pump case protects the internal components from dust, fibers and moisture. Simplicity of its operation features establishment of flows at 4, 8 and 10 LPM's, maintained within 5% for full constant flow compensation using 37 and 25 mm cassettes interchangeable. This insures accurate sample volumes based on the run time. The ECONOAIR Premium L-12PTR is capable of delivering up to 12 LPM for periods exceeding 8 hours. Bright LCD's indicate pump ON, Flow Fault or a Low Battery. The ECONOAIR Premium features a two line display that displays flowrate, accumulated volume, elapsed time, battery life and a countdown timer.

The operator can select to report flow rates and volumes to ambient conditions or to a Reference Temperature and Pressure.

PAS PTR Product Line Catalog



Press SET button and hold while using the Arrow keys to adjust flow

ON/OFF Button: Press to turn ON, pump will begin running at previous set flow rate. Press and hold for 3 seconds to turn OFF.

Total Flow Range: 3-12 LPM

Power: Rechargeable NiMH Batteries; 4.8Vm 6.45 Ah

Operating Temperature Range: 32° to 122°F (0° to 50°C)

Case: Polycarbonate steel fiber filled; RFI-shielded and antistatic

Size: $6.5"H \times 4"W \times 2"D$ (16,5 × 10.2 × 5 cm)

| Displayed Information: | Current Flowrate | Elapsed Time | Battery Life |
|-------------------------------|------------------|--------------|-----------------|
| | Accumulate | d Volume | Countdown Timer |

PERFORMANCE PROFILE

Accuracy: $\pm 5\%$ of the flow set point

Constant Flow Range:

12.0 LPM up to 4.5" water backpressure 10.0 LPM up to 10" water backpressure 8.00 LPM up to 15" water backpressure 6.00 LPM up to 30" water backpressure 4.00 LPM up to 36" water backpressure 3.00 LPM up to 40" water backpressure

Pump Run Times with Sampling Filters

| - | 5" | 10" | 15" | 20" | 25" |
|--------|---------|---------|---------|---------|---------|
| 12 LPM | 12.6 hr | | | | |
| 10 LPM | 16.1 hr | 12.9 hr | | | |
| 8 LPM | 24.3 hr | 18.3 hr | 14.1 hr | 12.1 hr | |
| 6 LPM | 34.0 hr | 25.0 hr | 19.0 hr | 15.4 hr | 13.7 hr |
| 5 LPM | 43.0 hr | 30.8 hr | 23.0 hr | 18.9 hr | 16.1 hr |
| 3 LPM | 69.0 hr | 47.7 hr | 36.6 hr | | |

ECONOAIR PREMIUM L-15PTR

NOTABLE FEATURES:

- Compact, Rugged and Quiet
- No tools required to change flow rates
- Flow setting is saved in memory for next day quick start
- Battery pack rechargeable while attached or separately
- Stainless steel belt clip with built-in tripod connector
- One-hour rechargeable batteries and extended run triple packs
- High impact steel fiber filled Lexan case, antistatic and RFI shielded
- "Auto-restart" within one minute of a flow fault
- Flows up to 15 LPM
- High backpressure capable for 25mm 0.45µ asbestos filters
- Built in washable stainless steel 100 micron filter for economy of use
- NiMH batteries; 6.45 Ah
- Displays: Total Accumulated Volume, Elapsed Time, Battery Life, Countdown Clock and Current Flowrate
- Timing routine activated sampling
- Correction of flow rates and volumes to a Reference Temperature and Pressure
- One year warranty
- Premium models are capable of Data Logging. PC Software and for download of data requires optional PC link cable
- The PC link with Windows 10 and Windows 11 operating system using the RS232
- Delayed start time with auto shut off feature is available upon request

GENERAL DESCRIPTION:

The ECONOAIR Premium L-15PTR is a low-cost high-performance personal air sampling pump. It is a simple model designed for sampling of asbestos, lead and other airborne contaminates. The rugged compact design features a rechargeable NiMH battery with available one-hour recharger. The L-15PTR can be programmed for timing routine activated sampling.

The sealed pump case protects the internal components from dust, fibers and moisture. Simplicity of its operation features establishment of flows at 8, 10 and 14 LPM's, maintained within 5% for full constant flow compensation using 37 and 25 mm cassettes interchangeable. This insures accurate sample volumes based on the run time. The ECONOAIR Premium L-15PTR is capable of delivering up to 15 LPM for periods exceeding 8 hours.

The operator can select to report flow rates and volumes to ambient conditions or to a Reference Temperature and Pressure.

The ECONOAIR Premium features a two line display that displays flowrate, accumulated volume, elapsed time, battery life and a countdown timer.



PAS PTR Product Line Catalog



Press SET button and hold while using the Arrow keys to adjust flow

ON/OFF Button: Press to turn ON, pump will begin running at previous set flow rate. Press and hold for 3 seconds to turn OFF.

| Flow Fault Displays:Compensation Range:15 LPM up to 10" H2O backpressure10 LPM up to 15" H2O backpressure9.0 LPM up to 17" H2O backpressure7.0 LPM up to 18" H2O backpressure5.0 LPM up to 25" H2O backpressure | | | | | | | |
|---|--|---|--|--|--|--|--|
| Power: | Rechargeable | NiMH Batteries; 4.8V, 6.45 Ah (Triple Pack) | | | | | |
| Operating T | emperature R | ange: 32°F to 122°F (0°C to 50°C) | | | | | |
| Storage Tem | perature: | 32°F to 122°F (0°C to 50°C) | | | | | |
| Charging Te | mperature Ra | nge: 41° F to 104° (5°C to 40° C) | | | | | |
| Case: | ase: Polycarbonate steel fiber filled; RFI-shielded and antistatic | | | | | | |
| Size: | 6.75"H × 4"W × 2"D (14,6 × 10,2 × 5 cm) | | | | | | |
| Weight: | 2.1 lbs. | (0,93 kg) | | | | | |
| Display: Backlit LCD with 2×16 Characters | | | | | | | |
| Displayed Information: Current Flowrate Elapsed Time Battery Life | | | | | | | |
| Accumulated VolumeCountdown Timer PERFORMANCE PROFILE Accuracy: $\pm 5\%$ of the flow set pointCountdown Timer | | | | | | | |
| Recommende | ed Charger: | Single Station; P/N: 601800 Five Station; P/N: 605800 | | | | | |

INSTRUCTIONS TO ENABLE DATA LOGGING AND DOWNLOAD LOGS

F&J L-XPTR Series is capable of storing seven days of sampling data in the internal memory if data is logged every minute. To enable data logging follow the instructions below.

- 1. Set flow and calibrate the pump as mentioned in section 1.
- 2. In the main display, press Menu key (Down arrow) and scroll down to Log Sample Rate screen
- 3. By default log rate is Disabled. Press and Hold Set Key and Press UP arrow to enable log rate in the format of minutes . 1-255 mins.
- 4. Press ON key once to escape back to Main display or Down arrow to scroll through the menus and then to main display where sampling could be started by pressing RUN (UP arrow) and accumulate logs.

Requirements for Downloading Logged Data:

- 1. PC with Windows 10 or Windows 11 operating system and RS 232 port.
- 2. F&J PC Link Elite software package part no. 109101 (includes the PC link cable part no. 109048).

F&J PC Link Elite software package can be purchased from F&J.

F&J PC link cable 109048 needs to be connected to the RS232 port on the PC and the other end to the pump port . Pump needs to be turned on to make the connection.

If RS232 port is not present in the PC then a USB to RS232 adapter is required to make the connection. Check your lo-cal electronic store for this adapter and download the latest driver file to make this adapter work properly.

EXAMPLE OF LOGGED DATA

| <u> </u> | | mmunication | | 1 | | am Pump | | | |
|----------|--------------|-------------------|---------|-------------|------------|--------------|-------------|---------|------|
| | Setup | Pump | | | Run I | Mode | | | Logs |
| e., | rial Number | - EL 150000 | | F&J L- | 5PTR | | | | |
| | R06 Log Type | | Battery | Temperature | | Elapsed Mins | Flow Rate | Volume | _ |
| 1 | Calibration | 12/10/10 13:39:50 | | | 0.50 inH20 | | 2000 cc/min | 0.00 L | |
| 2 | Start Run | 12/10/10 13:39:54 | 51 % | 79 F | 0.49 inH20 | 0 mins | 2000 cc/min | 0.00 L | |
| 3 | Run Update | 12/10/10 13:40:23 | 41 % | 79 F | 6.01 inH20 | 0 mins | 2000 cc/min | 0.93L | |
| 4 | Run Update | 12/10/10 13:41:23 | 41 % | 79 F | 5.88 inH20 | 1 mins | 2000 colmin | 2.93L | |
| 5 | Run Update | 12/10/10 13:42:24 | 41 % | 79 F | 6.08 inH20 | 2 mins | 2000 colmin | 4.93 L | |
| 6 | Run Update | 12/10/10 13:43:24 | 41 % | 79 F | 6.06 inH20 | 3 mins | 2000 cc/nin | 6.93 L | |
| 7 | Run Update | 12/10/10 13:44:25 | 41 % | 79 F | 6.01 inH20 | 4 mins | 2000 cc/nin | 8.93 L | |
| 8 | Run Update | 12/10/10 13:45:25 | 41 % | 79 F | 5.97 inH20 | 5 mins | 2000 colmin | 10.93 L | |
| 9 | Run Update | 12/10/10 13:46:26 | 38 % | 79 F | 5.89 inH20 | 6 mins | 2000 colmin | 12.93 L | |
| 10 | Run Update | 12/10/10 13:47:25 | 38 % | 79 F | 6.01 inH20 | 7 mins | 2000 colnin | 14.93L | |
| 11 | Run Update | 12/10/10 13:48:26 | 38 % | 79 F | 5.95 inH20 | 8 mins | 2000 colmin | 16.93 L | |
| 12 | Run Update | 12/10/10 13:49:26 | 38 % | 79 F | 6.15 inH20 | 9 mins | 2000 cc/min | 18.93 L | |
| 13 | Run Update | 12/10/10 13:50:27 | 38 % | 79 F | 6.05 inH20 | 10 mins | 2000 colmin | 20.93 L | |
| 14 | Run Update | 12/10/10 13:51:27 | 38 % | 79 F | 5.94 inH20 | 11 mins | 2000 cc/min | 22.93 L | |
| 15 | Run Update | 12/10/10 13:52:28 | 38 % | 79 F | 5.96 inH20 | 12 mins | 2000 cc/min | 24.93 L | |
| 16 | User Stop | 12/10/10 13:52:52 | 38 % | 79 F | 6.06 inH2O | 12 mins | 2000 cc/min | 25.76 L | |
| | | | | | | | 104 | | |
| | | Reading logs | | | | | | | |

FILTER PAPER MEDIA

F&J provides filter media of various characteristics in many different dimensions.

F&J provides its own proprietary filter grades, as well as those manufactured by Whatman, Ahlstrom and Millipore.

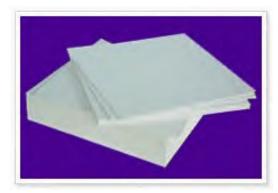
Filter Media Types:

Glass Fiber, Cellulose and Membrane

Typical Dimensions:

Diameter (mm) 21, 25, 37, 47, 50 60, 70, 76 and 102 Diameter (Inches) 2, 2.25, 3.0 and 4.0

<u>Sheets</u> 8"×10" (20,3 cm × 25,4 cm)



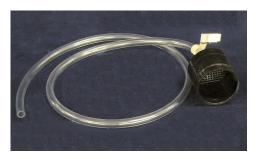






LAPEL FILTER HOLDERS for PERSONAL AIR SAMPLERS





Open face lapel filter holders for utilization with personal air samplers. Snap cap, screw on cap or cassette styles are available.

MATERIALS

Plastic

Aluminum

Stainless Steel

STYLES

- Open Face
- Cassette
- Particulate
- In-Line
- Combination (charcoal/particulate)

| P/N | Description |
|----------|--|
| LP-947 | Lapel, Open-Face Filter Holder, 47 mm cassette style. Connector fitting for 3/16" ID tubing |
| LP-948 | Lapel, In-Line Filter Holder, particulate, plastic. Connector fitting for 3/16" ID tubing |
| FJ-832 | Lapel, Open-Face Filter Holder, 5/16" hose barb, screw on cap |
| FJ-832A | Lapel, Open-Face Filter Holder, 3/16" hose barb, screw on cap Utilize with 47mm filter paper only |
| FJ-832AB | Lapel, Open-Face Filter Holder, 3/16" hose barb, screw on cap Utilize with 47mm filter paper in combination with FJ433 charcoal cartridge |
| FJ-832B | Lapel, Open-Face Filter Holder, 5/16" hose barb, screw on cap Utilize with 47mm filter paper in combination with FJ433 charcoal cartridge |

F&J MINI-CALIBRATOR



NOTABLE FEAURES:

- Various Flow Ranges Available
- Lightweight; 8 oz. (227 gms)
- Small Footprint
- Adjustable Height
- Corrects Flowrate to STP
- Displays Airflow Temperature
- Displays Barometric Pressure
- Bright LED with large characters
- English or Metric Engineering Units (set at factory) Selection:

| Flow | Temperature | Barometric Pressure |
|------|-------------|---------------------|
| SCFM | °Ē | Inches Hg |
| sccm | °C | mmHg |
| SLPM | | kPa |
| SCMH | | |

The F&J Mini-Calibrator is a small, lightweight microprocessor controlled instrument with sophisticated electronics.

The Mini-Calibrator, which is an exclusive F&J design, is a direct reading instrument utilizing a bright LED with large characters that are easily viewed by an operator. A NIST traceable calibration certificate is issued with each calibrator.

The Mini-Calibrator can be utilized as a handheld unit for field calibrations or temporarily mounted in a variety of methods without requiring a level position. The hose barb fittings permit easy connection to the air samplers utilizing flexible tubing.

F&J's Mini Calibrator MODEL SELECTION

| 100V | 230V | SCFM | SLPM | sccm |
|----------|-----------|-------------|-------------|----------------|
| MC-300CC | MC-300ECC | | 0.075 - 0.3 | 75 – 300 cc/m |
| MC-500CC | MC-500ECC | | 0.2 - 0.5 | 200 – 500 cc/m |
| MC-1L | MC-1LE | | 0.2 – 1 | |
| MC-3L | MC-3LE | | 0.5 – 3 | |
| MC-5L | MC-5LE | 0.02 - 0.18 | 1 – 5 | |
| MC-15L | MC-15LE | 0.07 - 0.53 | 3 – 15 | |
| MC-25L | MC-25LE | 0.14 - 0.88 | 4 – 25 | |
| MC-30L | MC-30LE | 0.11 - 1.06 | 6 - 30 | |
| MC-50L | MC-50LE | 0.18 - 1.8 | 10 - 50 | |
| MC-60L | MC-60LE | 0.2 - 2 | 12 - 60 | |
| MC-75L | MC-75LE | 0.26 - 2.6 | 15 – 75 | |
| MC-115L | MC-115LE | 0.5 - 4 | 15 – 115 | |
| MC-175L | MC-175LE | 0.63 - 6.2 | 30 - 175 | |
| MC-250L | MC-250LE | 1 – 9 | 50 - 250 | |

GENERAL SPECIFICATIONS

| Power Requirements | 100 or 230 VAC; 47-63 Hz; 0.3 amps maximum |
|-----------------------|--|
| Operating Temperature | 40 - 104° F (4 - 40° C) |
| Storage Temperature | 22 - 158° F (-5 - 70° C) |
| Dimension (L×W×H) | 3.25" × 2.50" × 2.00" (82,6 mm × 140 mm × 50,8 mm) |
| Weight | 8 ounces (227 gs) |

MEASUREMENT ACCURACY

Air Flow Temperature (Typical) Barometric Pressure $\pm 2\%$ of full scale $\pm 2^{\circ}$ F (1.1°C) $\pm 2\%$ over measurement range

CALIBRATION

Factory calibration is recommended once per year.

OPTIONS

• RS-232 interface, including cable. All measured and calculated parameters are accessible through RS-232 port to a computer.

DISPLAY PARAMETERS and RESOLUTIONS

| Parameter | Engineering Unit | Resolution |
|--------------------|------------------------|-------------------------------|
| CFM | Cubic feet per minute | 0.01 CFM |
| LPM | Liter per minute | 0.1 LPM |
| M ³ /hr | Cubic meter per hour | $0.01 \text{ M}^3/\text{hr.}$ |
| F | Degree Fahrenheit | 0.1° F |
| С | Degree Celsius | 0.1° C |
| In-Hg | Inches of Mercury | 0.01 In-Hg |
| mm-Hg | Millimeters of Mercury | 1 mm-Hg |



F&J SPECIALTY PRODUCTS, INC.

The Nucleus of Quality Air Monitoring Programs

PRODUCT PROFILE

Air Sampling Systems

- High Volume Air Samplers
 - Portable Grab Samplers
 - Environmental Systems
 Enzyme Dust Samplers
 - Enzyme Dust Sample
 - PM10 Systems
 - Continuous Air Samplers — Environmental Systems
 - Portable

•

- Fixed Station
- Personal Air Samplers
- Emergency Response DC
 Powered Air Sampling Systems

Tritium Detection Systems

- Portable and Fixed Station Collection Systems utilizing Silica Gel or Molecular Sieve Absorbents
- Continuous Tritium Monitors

Air Flow Calibrators

- World Calibrator Series
- Compact Digital V.2 Series
- Mini-Calibrator

New Products

- Global Air Sampler Systems
- Digital Flow Meter Air Samplers
- C-14 Collection Systems
- Isokinetic Air Sampling Systems

Radon Detection Devices

- 2-Day Passive Charcoal Canisters
- 7-Day Passive Charcoal Canisters
- Continuous Radon Monitors

Radioiodine Collection Cartridges

- TEDA Impregnated Charcoal
- Silver Zeolite
- Custom Cartridges
- Bulk Silver Zeolite

Filter Paper

- Glass Fiber
- Cellulose
- Membrane
- Quartz

Filter Holders

- Open Face
- In-Line
- PAS Filter Holders
- Materials
 - Plastic
 - Aluminum
 - Stainless Steel
- ELITE DIGITAL LIGHT (EDL) Air Samplers
- MEGA High Volume Air Samplers
- ULTRA High Volume (CTBTO) Air Samplers
- JUNIOR CTBTO Air Samplers



fandj@fjspecialty.com

www.fjspecialty.com

Tel: 352.680.1177