



# F&J SPECIALTY PRODUCTS, INC.

The Nucleus of Quality Air Monitoring Programs

## 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 0.45 $\mu$  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



### 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 contaminants. 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.

**NOTE:** Intrinsic Safe approvals pending.

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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 113°F (0° to 45°C)

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

**Size:** 6.5”H × 4”W × 2”D (16,5 × 10.2 × 5 cm)

**Displayed Information:** Current Flowrate      Elapsed Time      Battery Life  
 Accumulated Volume      Countdown Timer

**PERFORMANCE PROFILE**

**Accuracy:** ± 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		