

F&J SPECIALTY PRODUCTS, INC.
The Nucleus of Quality Air Monitoring Programs

F&J ECONOAIR PLUS L-15P

The F&J Econoair Plus L-15P 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 purpose of this pump is to draw air contaminants in through a sampling media such as 25*, 37, and 47mm filter cassettes, to gauge personnel exposure to particulates, aerosols and mold.

No tools are required to operate this pump and Keys lock to prevent it from being turned off. 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:

- Flows at 15 LPM for Air-O-Cell/Allergenco-D Cassettes sampling**
- Accuracy $\pm 5\%$ of display reading or pump Flow Faults
- Displays: elapsed time, accumulated volume and flow rate
- Flow Compensation for filter plugging and battery voltage
- "Auto-restart" within one minute of a flow fault
- Battery pack rechargeable while attached or separately
- Stainless steel belt clip with built-in tripod connector
- Key pad lock system
- One year warranty

* .8 μ PCM, Max Flow with this filter 5.5 LPM.

** Actual flow achievable is dependent upon filter media air flow resistance and diameter.

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Performance Profile: Model: L-15P

Flow Range: 5.0 – 20.0 LPM

Compensation Range:

20.0 LPM up to 5" water backpressure
 15.0 LPM up to 10" water backpressure
 10.0 LPM up to 15" water backpressure
 9.0 LPM up to 17" water backpressure
 7.0 LPM up to 18" water backpressure
 5.0 LPM up to 25" water backpressure

Accuracy: ± 5% of Compensation Range

Run Time:

Back Pressure	Flow Rate LPM					
Inches of water	5	7	10	12	15	18
5"	37Hr	29Hr	18Hr	14Hr	11Hr	9Hr
10"	26Hr	20Hr	13Hr	10Hr	8Hr	
15"	19Hr	15Hr	10Hr	8Hr		
20"	15Hr	12Hr	8Hr			
25"	12Hr	9Hr				

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, Count down Timer

Flow Fault Displays: Flow Fault or Filter Off

Specifications

Power Supply: Triple Pack, NiMH Batteries: 4.8V, 6.45 Ah;

Recharge Time:

Battery	Charger		
Triple Pck	QuickOne	QuickFive	Standard
	6 Hr	6 Hr	12Hr

Quick-Chargers: Input Voltage 100 to 240 VAC

Approvals: CE EMC Directive (EMCD) 89/336/EEC

Temperature:

Operating	32°F to 113°F	(0°C to 45°C)
Storage	32°F to 113°F	(0°C to 45°C)
Charging	41°F to 104°F	(5°C to 40°C)

* Pump kit includes pump with NiMH triple pack battery, standard 120 or 240 VAC battery charger, Luer hose adapter, shirt/hose clip, 3 feet of vinyl hose and operating manual.
 Order QuickOne charger and accessories separately

Case: Polycarbonate steel fiber filled, RFI/EMI-shielded

Size: 6.75"H × 4"W × 2"D
 (14.6 cm H × 10.2 cm W × 5 cm D)

Average dB: 71.3

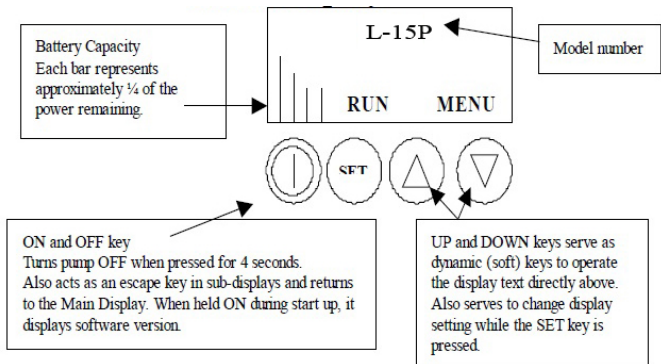
Weight: 34 oz (940 g)

** Pump 5-pack includes 5 each: pumps with NiMH triple pack battery, Luer hose adapter, shirt/hose clip, and 3 feet of vinyl hose. Also included: two operating manuals, one QuickFive rapid charger 100-240 VAC, and a durable hard plastic 1600 Pelican case with a lifetime warranty that accommodates additional accessories.

PRODUCT	DESCRIPTION
906250	*L-15P 120V Pump Kit
906260	*L-15P 230V Pump Kit
942512	**L-15P, 5-pack Pump Kit

L-15P OPERATION DISPLAYS

Main Display



Recommended Lapel Filter Holders:

LP-947X, FJ-832, FJ-832B