

# Aircon-2 High Volume Air Sampler

## Extended Flow Range

2-30 LPM flow range designed for collecting particulates in a given plant area.

## Fully Programmable

Can be programmed with up to three custom timing routines for unattended sampling up to 99 hours.

## Touchpad & LCD Display

Allows easy programming of sampling starts and stops, delays, holds, and number of cycles.

## Instant Fault Function

When in fault mode unit stops sampling run and locks in time. "FAULT" appears on display to alert operator.

## Instant Pressure Check

Back pressure load can be checked on LCD display by pressing a single button.

## Ordering Information

Part Number	Description
<b>GIL-801012-100</b>	Aircon-2 DC-Programmable, High Volume Sampler
<b>GIL-801000-1</b>	Power Module 120VAC/230/VAC/DC [without plug]
<b>GIL-801000-2</b>	Power Module 120VAC/230/VAC/DC [with 120VAC U.S. plug]
<b>GIL-801000-3</b>	Power Module 120VAC/230/VAC/DC [with Euro plug]
<b>GIL-801001</b>	Battery Pack (4-hour)
<b>GIL-200456</b>	Hose Coil
<b>GIL-200457</b>	Hose Support Tip
<b>GIL-401036</b>	Sampling Mast
<b>GIL-202046-72</b>	Hose for 72" Sampling Mast
<b>GIL-401562</b>	A.C. Plug, U.S.
<b>GIL-801171</b>	Carrying Case (22" x 16" x 8")
<b>GIL-202783</b>	Battery Charging Jack Cover



### Performance

Flow Range	2-30 LPM
Constant Flow	2-30 LPM @ pressures up to 7 psi
Run Time	8 hour minimum

### Environmental

<b>Temperature Ranges</b>	
Operating	-4 °F to 113 °F (-20 °C to 45 °C)
Storage	-40 °F to 113 °F (-40 °C to 45 °C)
<b>Humidity Ranges</b>	
Humidity Range	0-95 %RH, non-condensing

### General

Display	Electronic Pressure Display, Full-Function Timing Program, Instant-Fault Function, Programmable Memory (up to 3 custom programs)
Keypad	ACCEPT, PROG, TIME/PRESS, RUN/HOLD
Controls	Flow Adjust
Indicators	LCD Display, External Rotameter, Instant Fault, Low Battery
Dimensions	4.3W x 0.3H x 7.5D inches
	10.8W x 26.0H x 19.1D cm
Weight	Main Unit: 12 lbs (5.4 kg), 4-Hour Battery Pack: 11.5 lbs (5.2kg) Power Module: 2 lbs (0.9 kg)

### Electrical

Main Unit Input	12 VDC @ 3.4 A
Power Module Input	115-230 VAC @ 800/600 mA, 50-63 Hz
Power Module Output	14 VDC @ 4.6 A (51 watts)
Battery Pack Output	12 VDC, 13 AH
Fuses	250 VAC, 3 amp, fast acting, 250 VAC, 1.6 amp, fast acting
Charging Time	14 hours (operational)
	8 hours (non-operational)