

# 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.



## PRODUCT SPECIFICATIONS

### PERFORMANCE

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

### ENVIRONMENTAL

Temperature Ranges  
Operating .....-4°F to 113°F (-20°C to 45°C)  
Storage .....-40°F to 113°F (-40°C to 45°C)  
Humidity Range  
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 (5.2 kg)  
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)

## ORDERING INFORMATION

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

For complete information on this pump and other Gilian products, please call 800-451-9444, ext 782 and ask for our full product catalog.

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