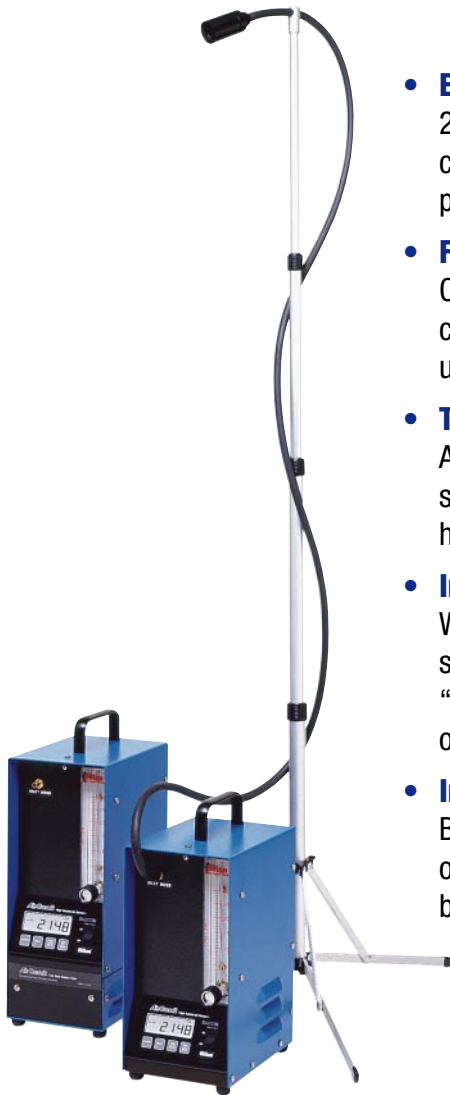


# AIRCON-2 HIGH VOLUME AIR SAMPLER



- 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)

### APPROVALS

CE ..... EMC EM/RFI, EN 55 022 Class B;  
 IEC 801-2, 3

#### Intrinsic Safety

UL ..... Class I, Div 1, Groups A, B, C, D;  
 Class II, Div 1, Groups E, F, & G;  
 Class III, T3C

cUL ..... Class I, Div 1, Groups C, D, T3C

CENELEC ..... EEx ib IIB T4

## ORDERING INFORMATION

Description	Part Number
Aircon-2 DC-Programmable, High Volume Sampler .....	801012-100
Power Module 120VAC/230VAC/DC [without plug] .....	801000-1
Power Module 120VAC/230VAC/DC [with 120VAC U.S. plug] .....	801000-2
Power Module 120VAC/230VAC/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.

**SENSIDYNE**®

"The Standard for Professionals"™

16333 Bay Vista Dr. • Clearwater, Florida 33760 USA  
 800-451-9444 • 727-530-3602 • Fax: 727-539-0550  
 www.sensidyne.com • E-mail: info@sensidyne.com