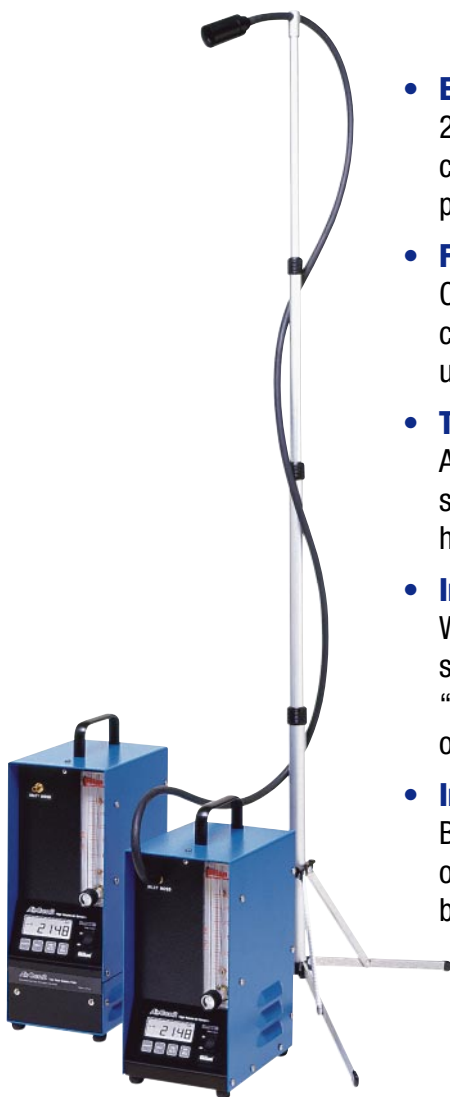


AIRCON-2 HIGH VOLUME AIR SAMPLER



- 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.

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