SENSIDYNE®
Industrial Health & Safety Instrumentation

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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