

Gilian® GilAir-3

Constant Flow Air Sampling Pump



- External Filter Housing**
 Clear External filter housing allows an immediate visual inspection of filter's condition.
- Flow Fault & Test Indicators**
 Flow Fault indicator lights up if unit operates outside $\pm 5\%$ of set flow rate. Battery Test indicator lights up when battery can provide a minimum of 8 hours of operation over operating range.
- Basic, Clock, & Program Models**
 Basic model is easy to use. Clock model provides elapsed-time clock display. Program model provides auto start-stop and delayed start times up to 9999 mins.
- Optional Low Flow Modules**
 Constant Low Flow module allows sampling from 20-500 cc/min. Constant Pressure (Multiflow) Module allows sampling from 1-750 cc/min.

Product Specifications

PERFORMANCE

Flow Range	1- 3000 cc/min (Total), 850 - 3000 cc/min (High Flow); 20-500 cc/min (Constant Low Flow); 1-750 cc/min (Constant Pressure)
Constant Flow Control	$\pm 5\%$ of set flow at 1000-3000 cc/min
Flow Compensation	3000cc up to 8" H2O back pressure 2500cc up to 15" H2O back pressure 1000cc up to 25" H2O back pressure 850cc up to 20" H2O back pressure
Run Time	8 hour minimum
Flow Fault	If flow changes exceed 5%, fault icon appears. If fault exceeds 30 seconds, pump shuts down. Pump attempts to restart every 3 minutes for up to 1 hour

ENVIRONMENTAL

Temperature Ranges	
Operating	32°F to 104°F (0°C to 40°C)
Storage	-49°F to 113°F (-45°C to 45°C)
Charging	41°F to 104°F (5°C to 40°C)
Humidity Ranges	
Operating	0-85 %RH, non-condensing
Storage	0-100 %RH, non-condensing

GENERAL

Display Messages	LAST, CAL, SHUT/OFF (Clock, Program); E, PC, P1-P6, OLD (Program)
Controls	Power Switch, Flow Control Screw & Buttons (Clock, Program), Programming (PROG) Button (Program)
Indicators	Elapsed Time (Clock, Program)
Icons (LCD)	Low Battery, Flow Fault, Clock (Clock & Program)
Dimensions	3.9W x 3.6H x 2.0D inches 10.0W x 9.0H x 5.1D cm
Weight	21.0 oz. (595 g)

ELECTRICAL

Battery Pack	NiMH
Interface Connectors	Charging Jack
Charging Time	14-18 hours

APPROVALS/PERFORMANCE

Intrinsic Safety - UL	
Class 1, Div 1, Groups A, B, C, D; Class 2, E, F, G; Class 3	
EMC: Emissions Standards	
EN 55011:2009/A1:2010 Group 1, Class A ICES-003 - Issue 2 Class A FCC Part 15 (per ANSI C63.4:2015) Class A Verification	
EMI: Immunity Standards	
EN 61326-1:2013; IEC 61000-4-2:2006 / EN 61000-4-2:2009; IEC 61000-4-3:2006 / EN 61000-4-3:2006/A1:2008/ A2:2010	

Description	Part Number
GilAir-3 R Sampling Pump, Basic	800485-171
GilAir-3 RC Sampling Pump, Clock	800508-171
GilAir-3 RP Sampling Pump, Program	800510-171
GilAir-3 R Sampling Pump, Basic, Starter Kit, 120V	800485-171-1201
GilAir-3 RC Sampling Pump, Clock, Starter Kit, 120V	800508-171-1201
GilAir-3 RP Sampling Pump, Program, Starter Kit, 120V	800510-171-1201
GilAir-3 R Sampling Pump, Basic, Starter Kit, 230V	800485-171-2301
GilAir-3 RC Sampling Pump, Clock, Starter Kit, 230V	800508-171-2301
GilAir-3 RP Sampling Pump, Program, Starter Kit, 230V	800510-171-2301
Single Unit Charger w/ Power Adapter, USB GilAir-3/5-Euro cord	911-9901-EU-R
Single Unit Charger w/ Power Adapter, USB GilAir-3/5-US cord	911-9901-US-R
GilAir-3/5 BDx-2-US Five Unit Charger, Universal, 120V, US Cord	811-9919-US
GilAir-3/5 BDx-2-Euro Five Unit Charger, Universal, 230V, Euro Cord	811-9919-EU
Replacement Battery Pack	783-0008-03-R
Low Flow Module, Constant Flow, Blue	800518
Low Flow Module, Multi-Flow, Blue	800519

For complete information on this and other Gilian products, please visit our website at www.sensidyne.com
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