

Gilian® GilAir-5

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- 5000 cc/min (Total), 850 - 5000 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 1000-5000 cc/min
Flow Compensation	5000cc up to 8" H2O back pressure 4000cc up to 18" H2O back pressure 3000cc up to 23" H2O back pressure 850cc up to 29" 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 4.1H x 2.0D inches 10.0W x 9.0H x 5.1D cm
Weight	22.5 oz. (638 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, ClassA 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-5 R Sampling Pump, Basic	800883-171
GilAir-5 RC Sampling Pump, Clock	800885-171
GilAir-5 RP Sampling Pump, Program	800884-171
GilAir-5 R Sampling Pump, Basic, Starter Kit, 120V	800883-171-1201
GilAir-5 RC Sampling Pump, Clock, Starter Kit, 120V	800885-171-1201
GilAir-5 RP Sampling Pump, Program, Starter Kit, 120V	800884-171-1201
GilAir-5 R Sampling Pump, Basic, Starter Kit, 230V	800883-171-2301
GilAir-5 RC Sampling Pump, Clock, Starter Kit, 230V	800885-171-2301
GilAir-5 RP Sampling Pump, Program, Starter Kit, 230V	800884-171-2301
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	783-0009-02
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
© 2017 Sensidyne, LP - GilAir-5 Datasheet Rev. A 07.27.17 (GilAir5DS-US-A-072717-0)

