

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 5-500 cc/min. Constant Pressure (Multiflow) Module allows sampling from 1-750 cc/min.

Ordering Information

Description	UL & ATEX P/N
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-Station Charger (120 VAC)	298-0006-01
Single-Station Charger (230 VAC) [euro plug]	401225-1
Five-Station Charger (120 VAC)	811-0818-US
Five-Station Charger (230 VAC) - Euro Plug	811-0818-EU
Replacement Battery Pack	783-0009-02
Low Flow Module, Constant Flow, Blue	800518
Low Flow Module, Multi-Flow, Blue	800519

Product Specifications

PERFORMANCE

Flow Range	1- 5000 cc/min (Total), 850 - 5000 cc/min (High Flow); 5-500 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

CE	EMC EMI/RFI, EN 55 022 Class B; IEC 801-2, 3
Intrinsic Safety	
UL	Class I, Div 1, Groups A, B, C, D; T3C
CENELEC	EEx ia IIC T4

For complete information on this and other Gilian products, please call 800-451-9444, ext 782 and ask for our catalog. © 2013 Sensidyne, LP - GilAir-5 Datasheet Rev. D 05.28.13

