

# Gilian® PRO VALUE<sup>3</sup>

**Solid Performance at an Economical Price**



# PROVALUE-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 the battery can provide a minimum of eight (8) hours of operation over operating range.

- **Basic and Clock Timer Models**

Basic model is easy to use. Clock Timer model provides elapsed-time clock display.

- **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.

## PRODUCT SPECIFICATIONS

### PERFORMANCE

Flow Range .....	1- 3000 cc/min (Total), 1000 - 3000 cc/min (High Flow); 5-500 cc/min (Constant Low Flow); 1-750 cc/min (Constant Pressure)
Constant Flow Control .....	Better than $\pm 5\%$ of set flow (after calibration)
Pressure Range .....	3000cc up to 7" H <sub>2</sub> O back pressure 2500cc up to 13" H <sub>2</sub> O back pressure 1000cc up to 22" H <sub>2</sub> O 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 .....	4°C to 32°C (40°F to 90°F)
Storage .....	0°C to 45°C (0°F to 100°F)
Charging .....	4°C to 32°C (40°F to 90°F)

#### Humidity Ranges

Operating .....	0-85 %RH, non-condensing
Storage .....	0-100 %RH, non-condensing

### GENERAL

Display Messages .....	LAST, CAL, SHUT/OFF (Clock)
Controls .....	Power Switch, Flow Control Screw, Mode/Hold Button (Clock)
Indicators .....	Elapsed Time (Clock)
Icons (LCD) .....	Low Battery, Flow Fault, Clock (Clock)
Dimensions .....	10.0W x 9.0H x 5.1D cm 3.9W x 3.6H x 2.0D inches
Weight .....	595 g (21.0 oz.)

### ELECTRICAL

Battery Pack .....	Removable, Sealed, Rechargeable Nickel-Cadmium
Interface Connectors .....	Charging Jack
Battery Charging Cycles ..	200
Charging Time .....	16-18 hours

### CENELEC Ratings (CE)

ATEX (SIRA) .....	EEx ia IIC T4 Ex II 2 G
EMC .....	EMC EM/RFI, EN 55 022 Class B; IEC 801-2, 3

## ORDERING INFORMATION

Description	Part Number
Provalue-3 R Sampling Pump, Basic .....	810-0204-02
Provalue-3 RC Sampling Pump, Clock .....	810-0205-02
Battery Pack [ATEX] .....	783-0004-01
Single-Station Charger (230 VAC) [euro plug] .....	401097-1
Five-Station Charger (230 VAC) [euro plug] .....	850070
Low Flow Module, Constant Flow .....	800518-2
Low Flow Module, Multi-Flow .....	800519-2
Provalue-3 Discharge Airboss .....	201169-2