



Gilian® 5000

If it were any tougher it would beat you up and steal your lunch money.

Performance and Reliability

The Gilian 5000 air sampling pump is a rugged and reliable personal air sampling pump that outperforms the competition while working in the harshest conditions. The pump samples up to 5 liters per minute and overcomes high back-pressure that causes other air sampling pumps to fault and stop sampling. It is user-friendly thanks to a four-button keypad and easy menu structure and has an auto-recovery feature that helps save samples after temporary fault conditions lasting up to thirty minutes. The Gilian 5000 is intrinsically safe certified and meets EN1232.

Simply put, the 5000 is the toughest pump on the market.

Feature	Gilian 3500	Gilian 5000
Flow Rate, Max	3.5 Liters Per Minute	5 Liters Per Minute
Flow Rate, with Low Flow Module	20 cc/min - 750 cc/min	20 cc/min - 800 cc/min
Flow Rate, Standard	700 cc/min - 3500 cc/min	800 cc/min - 5000 cc/min
Flow Compensation	1000 cc/min	70" H₂O back-pressure (7.5 kPa)
	2000 cc/min	60" H₂O back-pressure (15.0 kPa)
	3000 cc/min	50" H₂O back-pressure (12.4 kPa)
	4000 cc/min	30" H₂O back-pressure (7.5 kPa)
	5000 cc/min	20" H₂O back-pressure (5.0 kPa)
Constant Flow Control	Better than ± 3% of set flow (after calibration) between 1-3 LPM; ± 5% above 3 LPM and below 1LPM	± 5% of set flow at 800-5000 cc/min
Programmable	No	Yes, four stage
30-Day Calibration	Yes	Yes
EN 1232 Compliant	No	Yes
Live Flow Display	Yes	Yes
Charging Time	Under 5 Hours	Under 4 Hours
Memory-Free Battery	Yes, NiMH	Yes, NiMH
Four-Button User Interface	Yes, with lock-out feature	Yes, with lock-out feature
Run Time	8 hour minimum	8 hour minimum
Flow Fault	±5% set flow, fault icon appears; if fault exceeds 30 seconds pump shuts down. Pump will attempt restart every 3 minutes for up to 30 minutes.	±5% set flow, fault icon appears; if fault exceeds 30 seconds pump shuts down. Pump will attempt restart every 3 minutes for up to 30 minutes.
LCD Display	Yes; Flow Rate, Total Sample Time, Total Volume Sampled, Charge Status.	Yes; Flow Rate, Total Sample Time, Total Volume Sampled, Charge Status, Program Settings.
Hazardous Approval Ratings	UL: Class I, Division I, Groups A, B, C & D; Class II, Groups E, F & G; Class III, Temp Code T3C cUL: Class I, Division I, Groups C & D; Class II, Groups E, F, G; Class III, Temp Code T3C CE: Ex II 2 G, Ex ib IIB T4	FM: Class I, Division I, Groups A, B, C & D Class II, Groups E, F & G Class III, T4 CE: Ex II 1 G, Ex ia IIC T4