

Gilian 10i

High Flow Personal Air Sampling Pump



• Higher Flow Applications

The high flow capability of the Gilian 10i enables sampling capability for applications with flow rates between 4LPM and 10 LPM.

NiMH Memory-Free Battery

NiMH battery with quick-charge time in under 4 hours. Eliminates shipping and disposal issues.

Programmable Functionality

- · Four stage program with repeat cycling
- Allows scheduled sampling or intermittent duty cycles
- Programmable delayed start

• Intuitive Operation with Lock-out Feature

Simple four-button design makes pump easier to understand and operate.

• Live Flow Display

Large display continuously shows real-time flow, total sample time and total volume sampled. Special flow control circuitry automatically compensates for changes in flow rate, back-pressure and temperature.

Intrinsically Safe Certified

Certified Intrinsically Safe for use in explosive environments.

Ordering Information

Description	Part Number
Gilian 10i Pump Starter Kit, with Charger (100-240VAC, 50/60Hz), US Cord	910-1501-US
Gilian 10i Pump Starter Kit, with Charger (100-240VAC, 50/60Hz), Euro Cord	
Gilian 10i Pump Starter Kit, with Charger (100-240VAC, 50/60Hz), UK Cord	910-1501-UK
Gilian 10i Pump 5-pack Kit, with Power Station (100-240VAC, 50/60Hz), US Cord	910-1505-US
Gilian 10i Pump 5-pack Kit, with Power Station (100-240VAC, 50/60Hz), Euro Cord	
Gilian 10i Pump 5-pack Kit, with Power Station (100-240VAC, 50/60Hz), UK Cord	910-1505-UK
Single Station Charger (100-240VAC, 50/60Hz), US Cord	811-0802-01
Single Station Charger (100-240VAC, 50/60Hz), Euro Cord	
Single Station Charger (100-240VAC, 50/60Hz), UK Cord	811-0802-03
Five-Unit Power Station (100-240VAC, 50/60Hz), US Cord	811-0801-01
Five-Unit Power Station (100-240VAC, 50/60Hz), Euro Cord	811-0801-02
Five-Unit Power Station (100-240VAC, 50/60Hz), UK Cord	811-0801-03
Battery Pack	783-0007-01
Battery Charging Cover	

For complete information on the Gilian 10i and other Gilian products, please call 800-451-9444, ext 782 and ask for our catalog.

Product Specifications	
PERFORMANCE	
Flow Range	4.00 – 10.00 LPM
Constant Flow Control	± 5% of set flow at 4-10 LPM
Flow Compensation	
D. Tu	4 LPM up to 50" H,O back pressure 5 LPM up to 40" H,O back pressure 6 LPM up to 34" H,O back pressure 7 LPM up to 24" H,O back pressure 8 LPM up to 22" H,O back pressure 9 LPM up to 20" H,O back pressure 10 LPM up to 14" H,O back pressure
Run Time	.0-Houst fillimitian at. 4 LPM up to 32" H,O back pressure 5 LPM up to 26" H,O back pressure 6 LPM up to 23" H,O back pressure 7 LPM up to 21" H,O back pressure 8 LPM up to 20" H,O back pressure 9 LPM up to 15" H,O back pressure 10 LPM up to 11" H,O back pressure
Flow Fault	. If flow changes exceed 5% within back pressure specifications, fault icon appears. If fault exceeds 30 seconds, pump shuts down. Pump attempts to restart every 3 minutes for up to 30 min.
ENVIRONMENTAL	
Temperature Ranges	
	32°F to 113°F (0°C to 45°C)
· ·	4°F to 113°F (-20°C to 45°C)
Charging	41°F to 104°F (5°C to 40°C)
Humidity Ranges	
Operating	5-85 %RH, non-condensing
Storage	5-98 %RH, non-condensing
GENERAL	
Display	Flow Rate, Total Sample Time,
	Total Volume SampledPOWER/ENTER, SET/CAL, ▲/CLEAR, ▼/RUN/STOP
Indicators	Green LED ("Normal Operation")
	Battery Indicator, Hold, Fault, Set, Prog
Dimensions	3.2W x 5.4H x 2.3D inches 8.2W x 13.7H x 5.8D cm
Weight	
•	, ,,
Batton Pack	Removable, Rechargeable
ballery Pack	Nickel-Metal-Hydride
	Icon displays Full, Mid, & Low levels
Interface Connectors Charging Time	0 0
APPROVALS/PERFORMA	
	NCE
Intrinsic Safety US/Canada NRTL (FM)	Class I, Div 1 Groups A, B, C, D; Class II, Div 1, Groups E, F & G; Class III, T4
ATEX	🖾 II 1 G Ex ia IIC T4
CE	EX Id IIO 14
Applicable Directives	ATEX 94/9/FC
TPHOODIS DIFFORMOSIMI	EMC 2004/108/EC (RFI)
	LVD 2006/95/EC

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