ERE Environmental Remediation Equipment Inc.™

GILIAN BDXII

High Flow Personal Air Sampling Pump

Rugged and dependable construction will withstand the toughest industrial environments. This pump is made to outlast and outperform larger and more costly pumps. The built-in rotameter monitors flow rates over the entire flow range of 0.5 - 3.0 LPM. The electronic flow control adjustment enables parts to last longer. The rechargeable NiMH battery provides approximately 10 hours of reliable operation on a single charge and easily detaches from the pump body for recharging and/or quick field change. Sealed flow adjustment and on/off switch protects the pump from moisture, dust and fibers.

Designed for lead and asbestos monitoring, its compact, lightweight design is rugged and completely reliable, making it ideal for field applications. The BDXII accurately monitors for asbestos using the NIOSH Method 7400 or the OSHA reference sampling method. It will also monitor for lead using NIOSH Methods 7082, 7105 or 7300.

- 500-3000 cc/min
- Anti-tamper control covers
- Sealed internal components
- Rechargeable NiMH battery pack
- Easy calibration
- UL approved

Environmental

Temperature Ranges	
Operating Temperature	-20°C to 45°C (-4°F to 113°F)
Storage Temperature	-40°C to 45°C (-40°F to 113°F)
Charging Temperature	5°C to 45°C (41°F to 113°F)
Humidity Ranges	
Operating	5-85 %RH, non-condensing
Storage	5-98 %RH, non-condensing

Performance

Flow Range	500 - 3000 cc/min
Run Time	10 hours at 2 LPM

General

Controls	Power Switch, Flow Control
Additional Features	See-through external filter housing, with filter monitoring lens; built-in belt clip
Dimensions	3.6" (W) x 3.9" (H) x 2.0" (D)
	90 mm (W) x 100 mm (H) x 51 mm (D)
Weight	21 oz (595 g)ELECTRICAL
Battery Pack	4.8 volt, 1.8 amp hour, sealed.
Battery Type	Rechargeable nickel metal hydride
Battery Charge Time	14 - 16 hours
Expected Battery Life*	300-500 charge-recharge cycles or 2.5 years (< 20 hours weekly use) 1.5-2.5 years (20 -39) hours weekly use) 1-1.5 years (40-60 hours weekly use) *Inactivity for extended periods may shorten nickel-cadmium battery life. Battery life estimates are based on proper battery maintenance.

Apporoval

UL Approved