



Abatement Air Sampling Pump

Gilian[®]



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

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 NiCad 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.

Product Specifications

PERFORMANCE

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

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 |

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) |
| Battery Pack..... | 4.8 volt, 1.8 amp hour, sealed. |
| Battery Type..... | Rechargeable nickel-cadmium |
| 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. |

APPROVALS

UL Approved