

# GAS SAMPLING PUMP FORENSICS DETECTORS™

**FORENSICS  
DETECTORS**

**\*\* WARNING \*\***

- KEEP DETECTOR **AWAY** FROM ELECTROMAGNETIC & MAGNETIC INTERFERENCES (i.e. PHONES & MAGNETS)
- STORE DETECTOR **WITHIN SPECIFICATIONS**
- **DO NOT** OPEN THE PUMP UNIT
- **KEEP AWAY** FROM DUST & PARTICULATE

Connect Pump to the Gas Detector via calibration cap



## INTRODUCTION

You have purchased the **SAMPLING GAS PUMP** by **FORENSICS**. This is our **PROFESSIONAL SERIES** pump with a robust design made using a high quality pump motor and high resolution LCD. The handheld pump has a temperature indicator, time & date. Powerful pump (0.5LPM 500cc/min) ideal for point sampling of air or toxic gas. Also perfect for remote gas sampling & continuous sampling (up to 50 feet). Simple PUMP ON/OFF button. Use the sample pump with any detector including all FORENSICS detectors.

## OPERATION

1. Screw stainless probe in the top intake threaded port.
2. Connect a tube to output port (located bottom of pump). Recommended 3/16 diameter or similar.
3. Connect tube to the calibration cap of the detector/meter used for detection.

**ON/OFF:** Press POWER button for 4 seconds. After self check and warm up, normal pumping begins and pump flow level is show. Backlight is ON for 20 secs then turns off.



**PUMP ON / PUMP OFF:** When power up, pump will turn ON. The screen shows temp, time & battery level. A large triangle represents the pump power. If pump load is detected that slows down the pump flow, the triangle power level will reduce accordingly. Quickly press POWER button to turn ON/OFF the pump. When the PUMP is OFF, the RED LED with FLASH.

**SET TIME / DATE:** Hold down UP button to edit TIME and DATE. Quickly press ON/OFF button to scroll to next figure for edit. When done, hold ON/OFF button for 3 seconds to SAVE and go back to the main screen.

**BACKLIGHT:** When the pump operates the backlight will turn off after 20 seconds of no button operation to preserve battery power. To turn ON backlight, simply press any button quickly.

**STATUS:** Hold down DOWN button to see operation codes (used by manufacturer technicians).

## BATTERY CHARGING

The product has a built-in lithium battery and can be charged via micro-USB port using any USB charger with rating over 1AMP. Before charging, TURN OFF the pump to avoid any potential damage. When the battery mark on the screen is full, charging is completed. Fully charging takes about 4-6hours.

## SPECIFICATIONS

<b>Warranty:</b>	1 year limited warranty
<b>Storage / Operating Temp:</b>	32°F - 140°F
<b>Storage / Operating Humidity:</b>	<95%RH
<b>Operating Voltage:</b>	DC3.7V 1500mAh
<b>Flow rate:</b>	0.5 LPM, 500 cc/min
<b>Weight:</b>	186g (6.6 oz.)
<b>Probe Length:</b>	8 inches
<b>Pump Device:</b>	9 x 2.5 x 1 inches
<b>Noise:</b>	<60dB

## Support & Sales

**WEB:** [www.forensicsdetectors.com](http://www.forensicsdetectors.com)

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