

# AlcoHAWK PT750 Professional Breathalyzer Kit



## Quick Overview

The PT750 contains the same features as the PT500 plus the following additions: 1000 test memory, passive test abilities, password protection, wireless printing, rechargeable lithium battery, external mouthpiece, air blank checks, manual/automatic test modes, and a USB port for download of result history.

The AlcoHAWK<sup>®</sup> PT750 is a cutting edge, breakthrough unit in the AlcoHAWK Series line of breath alcohol testers. It incorporates our *PT Core™* fuel-cell sensor to virtually eliminate false positives and offer enhanced linear accuracy over traditional semi-conductor sensors. The simple menu-driven operation allows you to quickly and accurately screen for the presence of alcohol up to 0.400% BAC. The AlcoHAWK PT750 also features a large, easy-to-read back-lit LCD display.

The AlcoHAWK PT750 is the ideal unit for law enforcement roadside screening, corrections, probation officers, substance abuse clinics, boating, military, and many other areas of professional testing in which fuel-cell accuracy and reliability is required.

***PT Core™* Fuel-cell Sensor Technology:** The *PT Core™* sensor is an exciting new technology available in the AlcoHAWK PT models. This new technology incorporates an electro-chemical fuel-cell detection system. *PT Core™* Technology offers many advantages over semi-conductor based technologies such as:

- **Better linear accuracy** away from the point of calibration
  - **Less chance of getting false positives** from interfering substances such as ketones which can be seen in conditions such as diabetes or people on fad diets
  - **Improved sensor life** - The *PT Core™* sensor is designed to be robust and last for thousands of tests in fields such as Law Enforcement
- The AlcoHAWK PT750 Professional Kit includes:**
- *Professional hard case with foam protection*
  - *AlcoHAWK PT Series Wireless Printer*
  - *Rechargeable lithium battery*
  - *Wall charger*
  - *10 individually wrapped mouthpieces*
  - *Owner's Manual*
  - *Quick Start Guide*
  - *1 year warranty*

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## Advanced Features of the AlcoHAWK PT750 *PT Core™*

**Fuel-cell Sensor Technology:** The *PT Core™* sensor is an exciting new technology available in the AlcoHAWK® PT models. This new technology incorporates an electro-chemical fuel-cell detection system. *PT Core™ Technology* offers many advantages over semi-conductor based technologies such as:

- **Better linear accuracy** away from the point of calibration
- **Less chance of getting false positives** from interfering substances such as ketones which can be seen in conditions such as diabetes or people on fad diets
- **Improved sensor life** - The *PT Core™* sensor is designed to be robust and last for thousands of tests in fields such as Law Enforcement

**Easy-to-Read LCD Display:** The AlcoHAWK PT750 offers a large, easy-to-read LCD display to make the unit the most informative and understandable AlcoHAWK Series product on the market.

**Adjustable Blowing Time:** The AlcoHAWK PT750 is the first AlcoHAWK that allows you to control the blowing time. The blowing time may be adjusted for testing subjects with poor lung capacity, such as a smoker, or for testing subjects with a large lung capacity, such as a high-endurance runner. This makes the AlcoHAWK PT750 ideal for accurate and reliable testing of a variety of individuals. The AlcoHAWK PT750's blowing time is adjustable from 3 to 8 seconds.

**Temperature Display:** The AlcoHAWK PT750 constantly displays the ambient temperature during use to help you operate the unit during its optimal temperature range of 50° - 104° F (10° - 40° C).

**Warning Level Indicator:** The AlcoHAWK PT750 features an audible and visual warning when a subject's BAC surpasses the adjustable BAC alarm point.

**Pressure Scan Sensor:** Ensures that the user blows with enough force to start a test and also ensures that they continue to blow through the unit throughout the entire test.

**Wireless Printing Capability:** Print test results to the AlcoHAWK PT Wireless Thermal Printer with the press of a button.

**Automatic Pump:** Simple one button sampling with no manual activation of pump required.

**Test Counter:** Keep track of the number of tests run on the unit.

**Test Memory:** View the results of up to 1000 previous tests.

**Countdown Timer:** Start a countdown after consuming alcohol to prevent premature testing and inaccurate results.

**Air Blank Check:** Make sure no residual alcohol will affect your results.

**Password Protection:** Prevent unauthorized use of the unit.

**Manual Testing Mode:** Allows you to bypass automatic pump and decide at what time during testing that the air sample is taken.

**USB Port:** Allows for charging of the battery and the transferring of data to a PC.

**Rechargeable Lithium Battery:** Recharge the unit's battery through it's USB port using the included wall charger.

## Menu Option Features in the AlcoHAWK PT750

**Alarm Point:** The unit will read "High" if the BAC reading exceeds the alarm point setting. The default setting is 0.020% BAC. You can change the alarm point from between 0.020%-0.080% BAC.

**Blowing Time:** You can adjust the blowing time from 3 to 8 seconds. The default setting is 5 seconds. Five seconds is the standard time to obtain a proper sample.

**Convert Units:** Use this option to change the unit of alcohol concentration shown for tests. You can choose between %BAC (U.S.A), g/L, or ‰BAC. The default setting is %BAC (U.S.A), the U.S.A standard.

**Time and Date:** Set the unit to the correct time and date so that the testing record contains accurate date stamps.

**Temperature Scale:** This option allows you to switch between Celsius (C) and Fahrenheit (F) for the temperature display. The default setting is Fahrenheit (F).

**Timer:** This menu option allows you to start a countdown in the range of 10-30 minutes. After the time has elapsed an alarm sounds.

**Testing Record:** This menu contains the results from the last 1000 tests, along with the date the test was performed.

**Test Counter:** Use this option to keep track of the number of tests run since the counter was last reset.

**User ID:** Enter an ID and a telephone contact number for the unit.

**New Password:** Change the unit's tamper protection password.

## AlcoHAWK PT750 Specifications

<b>Dimensions</b>	4.75" x 2.63" x 1.1" (12.1 cm x 6.68 cm x 2.8 cm)
<b>Weight</b>	3.7 oz (105 g) without battery; 4.2 oz (119 g) with battery
<b>Housing</b>	Shock Resistant, Molded Plastic
<b>Power</b>	Rechargeable Lithium-Ion Battery
<b>Battery Life</b>	200 tests <sup>1</sup>
<b>Sensor</b>	Electrochemical Fuel-cell
<b>Warmup Time</b>	10-20 Seconds <sup>1</sup>
<b>Blowing Time</b>	5 Seconds
<b>Response Time</b>	5-10 Seconds <sup>1</sup>
<b>B.A.C. Range</b>	.000 - .400% BAC (Blood Alcohol Concentration)
<b>Sensor Accuracy</b>	+/- 0.005% at 0.05% BAC <sup>3</sup>
<b>Calibration</b>	Required Periodically
<b>Operation</b>	Three (3) Button
<b>Warranty</b>	1 Year