

USER MANUAL

ALCOHOL-TESTER

PCE-ALC 10

ENGLISH



User manuals in various languages (français, italiano, español, português, niederlands, türk, polski) can be found via our product search on:
www.pce-instruments.com

INTRODUCTION

Thank you for choosing PCE-ALC 10. By reading this manual, you can have a comprehensive understanding of the use of PCE-ALC 10, and its complete functions and simple operation.

The features of PCE-ALC 10 are as follows:

- » compact gas path design, high-precision sampling systems, instrumentation and advanced circuit design algorithm to ensure rapid, accurate and stable test result.
- » Active Mode and passive test mode, just blow the air into the tube, clean and hygienic, convenient for the tester to use. Small and easy to carry
- » 1.44 inch 128*128TFT color display, making the detection intuitive and effective

DEVICE DESCRIPTION

- 1 - LCD Screen
- 2 - Inlet Port
- 3 - USB Port
- 4 - Power Button



SAFETY AND PRECAUTIONS

- » Pay attention to all the CAUTION after ▲ mark to avoid any misoperation deviation and damage.
- » Please don't try to open the instrument and repair it without technician's instruction.

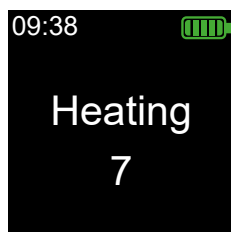
OPERATING INSTRUCTIONS

Startup and Shut Down

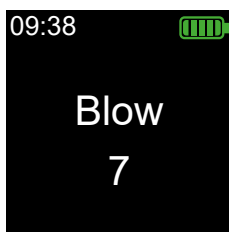
- » Startup: Press the Power button for 5 seconds till it beeps. The screen lights up and comes to a stand interface. Press the Power button again, the device will come to the test interface.
- » Shut Down: Press the Power button for 5 seconds till the screen turn off.

Test Operation

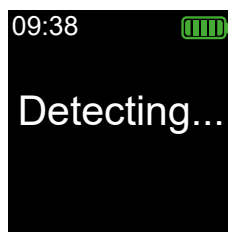
- » Install the mouthpiece to the top of PCE-ALC 10. Long Press the power button to turn on the device.
- » The device needs 10 seconds for warming-up after turning on. After the warm-up is completed, take a deep breath and blow at a constant speed into the mouthpiece.
- » After blowing for about 3 ... 5 seconds, the test result will be displayed on the screen.



Warming Up



Please blow



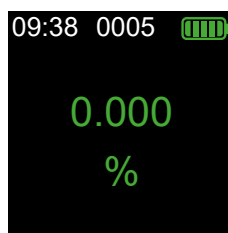
Detecting



Drunk



Drinking



No drinking

Note

- » When entering the blowing mode, if the machine is not operated for a long time, it will be automatically detected as 0.
- » The color of the screen will change depending on the test result value. For example, if the value is less than 0.020 %BAC, the screen displays in green(no drinking);, the value is between 0.020 %BAC and 0.080 %BAC, and the screen displays in yellow(drinking): If the value is higher than or equal to 0.080 %BAC, the screen will display in red(drunk).

Auto Reset After high Concentration Test

- » After the high concentration test, the device will come into the reset state (this state is to prevent the customer from testing errors during the second test). The reset time is 10 seconds. Please wait patiently for the reset to complete to start a new test

Note

When the battery symbol is red, it means that the device power is low, please charge it in time, otherwise it will automatically turn off because of low power.

SPECIFICATION

Screen	1.44 inch 128x128TFT Color Screen
Measurement Range	0.00 ... 0.400 %BAC
Reset Time	10 Seconds
Warm Up Time	10 Seconds
Testing Time	5 Seconds
Alarm Function	Different colors to separate difference test level / buzzer automatically alarms
Battery	3.7V/800mAh Rechargeable Battery
Charging Port	Micro-USB (5V /1A)
Dimension	126mm x 62mm x 25mm (LxWxH), 90g (Battery Included)

MAINTENANCE

- » Please do not expose the equipment under the sunlight for a long time, which will damage the sensor.
- » Clean the surface of the equipment using a wet cloth and/or a small amount of detergent after use. Do not use chemical organic solvents (such as alcohol, thinner, etc.) to clean the equipment.

DISPOSAL

For the disposal of batteries in the EU, the (EU) 2023/1542 directive of the European Parliament applies. Due to the contained pollutants, batteries must not be disposed of as household waste. They must be given to collection points designed for that purpose. In order to comply with the EU directive 2012/19/EU we take our devices back. We either re-use them or give them to a recycling company which disposes of the devices in line with law. For countries outside the EU, batteries and devices should be disposed of in accordance with your local waste regulations. If you have any questions, please contact PCE Instruments.

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