

# Professional Electrochemical Breathalyzer with Data Logging

This professional-grade breathalyzer uses a high-precision electrochemical sensor for accurate BAC readings. It features a user-friendly touchscreen interface, data logging capabilities, and a built-in printer for immediate results.



## ADDITIONAL IMAGES



## Overview

### Professional Electrochemical Breathalyzer

This professional-grade breathalyzer is engineered for high-precision alcohol detection in demanding environments such as law enforcement, industrial safety, and traffic management. It utilizes an advanced fuel cell sensor to ensure reliable, accurate results with both active and passive testing modes. The device features a user-friendly interface with a high-resolution touch screen, built-in printing capabilities, and extensive data logging for up to 20,000 records, making it a comprehensive tool for regulatory compliance and safety monitoring.

## Performance Metrics

### Detection Range

- 0.00 - 0.40%BAC
- 0.00 - 4.00‰BAC
- 0.00 - 2.00mg/L
- 0.00 - 4.00g/L

### Measurement Accuracy

**0.005 %BAC**

Accuracy at 0.05%BAC

### Testing Speed

**10 s**

Warm-up Time

**5 s**

Testing Time

### Sensor Technology

Fuel cell sensor

## Hardware & Interface

### Physical Dimensions

Attribute	Value
Dimensions	156mm x 76mm x 38mm
Weight	320g
Display	2.8-inch color OLED touch screen
Power Source	7.4V / 2500mAh Lithium battery
Operating Time	20 hours

## Features & Compliance

### Certifications

CE	
Key Features	Data Logging, Built-in Printer, Bluetooth, Anti-backflow Mouthpiece, Password Protection, Active/Passive Testing
Data Capacity	20000