



ALCOHOL BREATH ANALYZER



Description

The Alcohol Breath Analyzer (Model: KABA-1997) is a compact and high-performance device designed for accurate detection of alcohol concentration in breath. It features a high-precision semiconductor alcohol sensor that ensures reliable and consistent readings. The device is equipped with a clear LCD display with orange backlight for easy visibility and quick interpretation of results.

With fast response time and short warm-up duration, the analyzer enables efficient and rapid testing. It includes an audible alarm system to notify users when alcohol levels exceed preset limits. Its lightweight, portable design and battery-powered operation make it ideal for both personal and professional applications.

Features

- High-precision semiconductor alcohol sensor
- Orange backlit 3-digit LCD display
- Audible alarm at preset levels
- Quick response and fast warm-up
- Automatic power-off
- Compact and ergonomic design
- Battery-operated system
- Energy-efficient performance

Applications

- Traffic police and enforcement agencies
- Industrial workplaces
- Personal use
- Security checkpoints
- Safety monitoring environments

Uses

- Alcohol detection in breath
- Personal safety monitoring
- Workplace alcohol screening
- Road safety checks
- Security compliance testing



KABA-1997

Technical Specifications

| Parameter | Specification |
|-----------------------|--|
| Model | KABA-1997 |
| Product Type | Alcohol Breath Analyzer |
| Sensor Type | Semiconductor Alcohol Sensor |
| Measuring Range | 0.000 – 0.1997% BAC / 0.000 – 0.995 mg/L |
| Accuracy | ±0.010% BAC / ±0.050 mg/L |
| Alarm Levels | 0.050% BAC / 0.250 mg/L |
| Response Time | < 5 seconds |
| Warm-up Time | < 15 seconds |
| Operating Current | 120 mA |
| Operating Temperature | -10°C – 50°C |
| Power Supply | 3 × AAA Batteries |
| Display | Orange backlit LCD |
| Dimensions | Compact handheld |
| Weight | Lightweight |