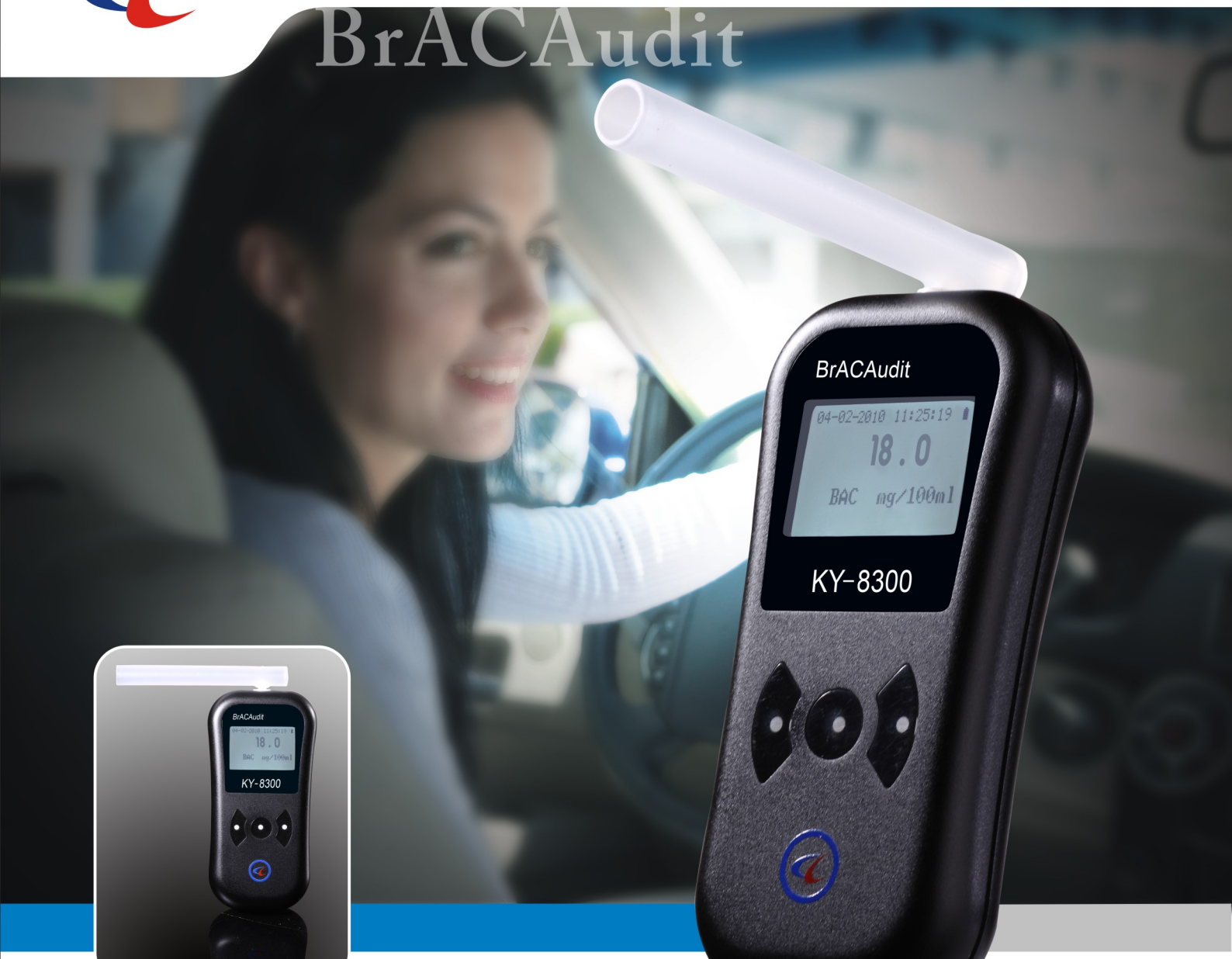
BrACAudit



BrACAudit KY-8300
Breath Alcohol Analyzer

- With ergonomic design, safe and easy to use for reliable and precise testing results.
- Specially designed for vehicle drivers' personal use to guarantee their security as well as the road safety.
- With the evidential breath alochol measurement technology applied, it realizes the high performance price ratio.

www.keyun-co.com

Keyun Technology (Shenzhen) Co., Ltd

BrACAudit KY-8300

With fuel cell based and designed for personal use, BrACAudit KY-8300 is a handheld instrument preliminarily to determine a subject's breath alcohol level quickly and precisely.

Product Features

- UK made Electrochemical/Fuel cell Sensor: Highly specificity to alcohol, unaffected by other breath contaminants.
- Quick and Precise Analysis: 32-embedded processor secures high performance of the system.
- Data Handling Ability: Compact gas circuit design and advanced analysis process assure fast, accurate and stable testing performance.
- Active and Passive Blow Methods: Both methods can be applied to provide convenience to the user.
- Power Supply: Built-in Li-ion battery realises reliable and long-time testing action.
- Memory Capacity: Data storage of 4096 test results which can be downloaded to the computer for data backup.
- After sales service: Independent intellectual property rights integrated with research, development and production ability guarantee strong after-sales service.

Technical Data

Details	Technical data	
Principle of measurements	Electrochemical/fuel cell sensor, alcohol specific	
Measurement range (BrAC)	0.000mg/L～1.500mg/L	
Resolution	0.0001 mg/L	
Accuracy: Max. Measure error, in relation to ethanol standard	Ethanol Vapor Concentration C /(mg/L)	Deviation
	C<0.400	±0.020mg/L
	0.400≤C<1.000	±5%
	c≥1.000	±20%
Repeatability of Indicating Value	Ethanol Vapor Concentration C /(mg/L)	Deviation
	C<0.400	0.007mg/L
	0.400≤C<1.000	1.75%
	C≥1. 000	6%
Calibration	Every 6 months	
Temperature Range-Operation	-5°C ~45 °C	
Temperature Range-Storage	-20°C ~70 °C	
Optimum Storage Condition	Temperature 20°C±5, Humidity: <80%RH, Pressure: 86kPa~106kPa, No vapor or electromagnetic disturbances in the environment are influencing the normal working conditions of the device.	
Blowing Time	2.5 seconds (breath flow≥20L/min)	
Warm-up Time	Less than 5 seconds after switching on	
Recovery Time	5 seconds to 5 minutes, depends on Ethanol Vapor Concentration	
Analysis Time	Less than 10 seconds	
Display	128×64 dot matrix black and white screen	
Dimensions	Approx. 127mm×60mm×28mm	
Memory	4096 records	
Operation Voltage	State of Charging	State of Operation
	5 V	DC 3.6 ~4.2V
Battery	Built-in 1000mAh/3.7V Li-ion polymerized battery	
Weight	Approx. 115g	

Keyun Technology (Shenzhen) Co., Ltd

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