

BrAC Audit KY-8000

Overview

BrAC Audit KY8000 is a Electrochemical Fuel Cell Sensor based breath alcohol tester designed and intended for use in various applications. KY8000 provides users accurate and rapid testing performance.

Product Features

1. Data Handling Ability: 32-bit embedded processor secures high performance of the system.
2. Electrochemical/Fuel Cell Sensor: Highly specificity to alcohol, unaffected by other possible breath contaminants.
3. Compact gas circuit design and advance analysis process assure fast, accurate and stable testing performance.
4. Memory Capacity: Data Storage of 50000 or more test results. Any test results can be easily recalled, printed or downloaded to the computer.
5. Both active and passive blowing mode available.
6. Compact, portable and easy to use.
7. Power Supply: Rechargeable li-ion battery.
8. Built-in clock IC and an individual battery for the clock always secure correct time.

Technical Data

Principal of Measurement	Electrochemical Fuel Cell Sensor, alcohol-specific
Measurement Range (BrAC)	0.00 to 2.00 mg/Liter
Resolution	0.0001 mg/L
Accuracy: Max, Measure error, in relation to ethanol standard	Ethanol Vapor Concentration/(mg/l) : C<0.400 (Deviation : ±0.020 mg/l) 0.400C≤1.000 (Deviation: ±5%)
Temperature Range – Operation	-10°C to +55°C
Temperature Range – Storage	-20°C to +70°C
Blowing Time	3 seconds (breath flow:≥20L/min)
Display	1.8 inch
Memory Capacity	Stores 50000 measured values with date and time (data can be downloaded to a PC or printer)
Printer	Wireless Micro Thermal Printer (Optional Impact Printer)
Dimensions (L x W x T)	Approx. 128 mm (L) x9mm (W) x26.5mm (T)
Operation Voltage	State of Charging : USB port, 5V State of Operation : DC 3.6V~8.4 V
Batteries	1000mAh/3.7V Lithium-ion rechargeable battery

Printer

Printer	Wireless Micro Thermal Printer
Communication Method	Bluetooth
Bluetooth Communication Distance	10 meters
Printing Speed	Appx. 53mm / second
Lifetime of Printer Head	10,000,000 Pulses
Printing Result Storage Time	1 to 10 years, depending on different paper types

