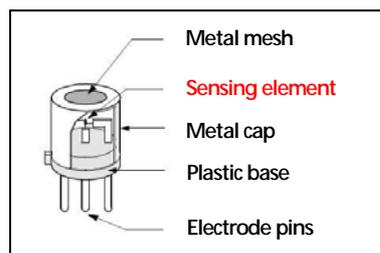


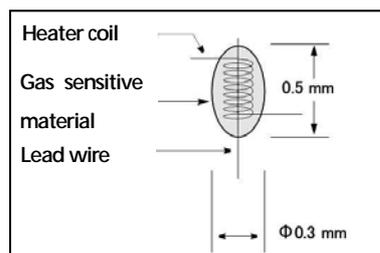
Alcohol Checker

FT-001

In Japan, administrative disposition standard has been revised by legal review. As a result, transportation companies must make and keep a record of guidance/supervision for drunk driving. Alcohol check is becoming mandatory in today's world. A rapid increase in demand for alcohol checkers is expected for persons and companies. FT-001 provides one solution.



Gas sensor



Sensing element



PC is needed to manage the measured data.

Features

- **Ultra-sensitive gas sensor**

By adopting an ultra-sensitive semiconductor gas sensor, this checker has achieved the capability to measure sensitivity and ensures a long life.

- **Easy Operation**

As the measurement is completed by just pushing a button, even beginners can measure the breath alcohol content easily.

- **Data management**

As data is automatically stored in an embedded micro SD card. The attached software is very capable in managing the data.

- **Detecting interruptions of blowing into the checker**

In order to avoid detection errors caused by improper blowing, an exhalation detecting sensor is mounted so that the sensor can tell when a blowing error occurs and is displayed.

Specifications

Item	Contents
Model	FT-001
Measurement principle	Semiconductor gas sensor and pressure sensor
Target gases ^(*)	Breath alcohol
Sampling method	Exhaling breath into opening through attached mouth-piece
Start and stop	Automatic start by "ENTER" key and automatic power off
Waiting time	Automatic switching to 5 sec or 20 sec
Blowing time	5 sec
LCD display	Date, time, waiting time, result, remaining battery level, etc.
Measuring range	0.00 to 0.25 mg/L (breath alcohol content)
Minimum display resolution	0.01 mg/L
Output	Micro SD card
Software	Data management software attached
Power supply	Two AAA alkaline batteries
Power consumption	300mW maximum
Battery life	About 700 times of measurement
Measurement	120(H)×60(W)×25(D) mm
Weight	110g including two AAA batteries
Operating Temperature/Humidity	Temperature: 0 to 40°C Relative humidity: lower than 80% (No dew condensation)
Storage Temperature/Humidity	Temperature: -20 to 60°C Relative humidity: 20 to 80% (No dew condensation)

WARNING

- Never drive a vehicle after drinking**
 Drunk driving is prohibited by law regardless of the amount of alcohol. Depending on how the product is used, it might be unable to detect alcohol even after drinking.
- Do not judge the amount of alcohol consumed only with the data of the product.**
 As there might be possibilities that it cannot get accurate measurements depending on how the checker is used, do not judge the amount of alcohol consumed only with the product.
 All concerned parties that include the manufacturer and those who are involved in the distribution of this product assume and accept no responsibility for problems that may occur when an alcohol consumer drives a vehicle or operates equipment despite the measured results.
- Do not measure whilst driving vehicles or operating machinery.**
 Unexpected accidents could happen.
 All concerned parties that include the manufacturer and those who are involved in the distribution of this product assume and accept no responsibility for accidents which might occur by using the product while driving.