



Application Note

Industry	Food & beverage
Instrument	Gas volume and air content analyzer
Measurement method	Gas volume measurement method
Standards 	GB/T 10792 

The measurement of the gas volume, air content of Japanese spirit with sodas are an important factor in determining the mouthfeel, taste and flavor, and best-by date. This Application Note introduces an example of measuring commercially available Japanese spirit with soda using a gas volume and air content analyzer. The gas volume is calculated by continuously rotating the sample container and measuring the equilibrium pressure of the gas and the sample temperature. The!

- 1) Select “gas volume/gas pressure + air content measurement (GV/P+AIR)” on the measurement mode, and enter the following parameters into the measurement conditions.

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Note that the above measurement parameters are an example and optimizing these parameters might be necessary depending on the sample's property.

- 2) Set the sample bottle/can on the sample stage and press the Start button.

Table 1 shows the measurement results of a sample

