

# SYD-8019A Existent Gum Tester



## Summary

This instrument is designed and made as per standards GB/T 8019 Standard test method for gum content in fuels by jet evaporation and ASTM D381 Standard test method for gum content in fuels by jet evaporation. It is suitable to determine the existent gum content of aviation gasoline and motor gasoline (Not suitable to determine the existent gum content of aviation turbine fuel)

## I. Main technical features

1. It equips a specially designed heating bath. The gas circuit is designed reasonably and the effect of evaporation is good.
2. The material of working bench is stainless steel. It has 5 sample holes. Each jet flow can be adjusted and controlled by an independent flow meter. It can do 1 ~ 4 determinations at the same time.
3. The instrument is desktop structure. Simple design and easy to operate. It equips an air compressor to make it meet requirements of the standard.
4. Each test hole equips unique flow meter. It can control the hot-air flow rate of each test hole correctly.

## II. Main technical specifications

1. Power supply: AC(220±10%)V,50Hz, 3500W
2. Dimension of evaporation bath:  $\phi 260\text{mm} \times 130\text{mm}$
3. Sample positions: 5 positions
4. Dimension of sample position:  $\phi 51\text{mm} \times 70\text{mm}$
5. Working temperature: (160~165) $^{\circ}\text{C}$
6. Temperature control method: Automatic
7. Temperature display: Digital
8. Flow rate display: Float ball type
9. Working pressure of reducing valve: 0.07MPa
10. Air flow rate of jet outlet: 600mL/s for each hole
11. Dimension: 590mm×480mm×340mm (Thermometer holder is not included)