

# SYD-8019 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 3 sample holes. Each jet flow can be adjusted and controlled by an independent flow meter. It can do 3 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.

## II. Main technical specifications

1. Power supply: AC(220±10%)V, 50Hz, 2500W
2. Dimension of evaporation bath:  $\Phi 260\text{mm} \times 130\text{mm}$
3. Sample positions: 3 positions
4. Dimension of sample positions:  $\Phi 51\text{mm} \times 70\text{mm}$
5. Working temperature: (160~165) $^{\circ}\text{C}$
6. Temperature control: Automatic
7. Temperature display: Digital display
8. Flow display: Displayed by a ball float type flow meter.
9. Working pressure of air reducing valve: 0.035MPa.
10. Air source: External connection, over (1000±150)ml/s
11. Dimension: 590mm×480mm×340mm (Thermometer holder is not included)

**Note: An air compressor is equipped**