

Product Introduction ■

○ Sulfur Dioxide Distiller (Acid-base titration)

DSD1000 Sulfur Dioxide(SO₂) Distiller fully meets the standard requirements of SO₂ residues in food and medicine based on acid-base titration method. The principle of overall integrated design made pipe orderly and tidy. A water seal design of the round bottom connection fully ensure its tightness. SO₂ gas is fully absorbed by the H₂O₂ solution in the unique small bubble absorption bottle, so that a satisfactory sample recovery rate can be obtained.

Features :

◆ Integrated design--orderly and tidy

Integrated design of flow meter, absorption bottle, reflux condenser, heater, piping line is orderly and tidy, easy to operation;

◆ Water sealing connection--ensure tightness

There is a water-sealed connection of round bottom flask, after connected with reflux condenser, separatory funnel, pure water can be filled to seal the connection to effectively prevent leakage caused low recovery rate;

◆ Fixed by circlip-- easy to operate

The reflux condenser is fixed by a circlip, easy to rotate and move up and down; there is a fixed circlip of the separatory



funnel, which can be used after the work is completed.

◆ Tiny bubbles--easier to absorb

When the gas containing SO₂ enters the absorption bottle, it will turn into intensive and tiny bubbles at the bottom of the H₂O₂ solution, contact area is increased between the gas and H₂O₂ solution that will enhance the accuracy of analysis results.

◆ Nitrogen stabilizes --avoid interference

Built-in voltage stabilizing part to avoid fluctuations in nitrogen flow when multiple units are used in parallel;



Technical specifications:

Product Model: DSD1000

Nitrogen flow range: 0-3L/min

Heating power: 0-350W

Flask volume: 1000ml

Absorb flask volume: 100ml

Connection: Chiller

connection: Φ 10mm Pagoda connector

Nitrogen connection: Φ 8mm Quick plug

connector