

SOA 100 Sulfur Dioxide Analyzer



SOA 100 is a sulfur dioxide detector, the instrument is according to the relevant section of national standards of china and Herbal Pharmacopoeia. It is a distillation of the detection equipment. The instrument can automatically complete reagent addition, distillation, leaching, nitrogen blowing and stirring functions. The whole process does not require people to monitor, and can automatically detect the operating state. Automatic stop and alarm when unusual or error. Sulfur dioxide residues in foods is a very important index. Herbal Pharmacopoeia has a clear and strict rules to determine sulfur dioxide residues in herbal medicines Herbal Pieces .The instrument is suitable for the detection of sulfur dioxide residues in food, medicines and Pieces, and other products .



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Features & Benefits :

- Measurement process only 5 to 10 minutes, greatly enhance the efficiency of the experiment and save time.
- According to the user's settings, automatic distillation, the user reaches the set value will automatically stop.
- Perfect safety protection system gives distiller and tubes measurement and protection against over-temperature and over-pressure
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- Intelligent design of nitrogen tube peripheral facilities include safety designs and displacement hint
- Intelligent cooling water control system achieves cooling water control and test。
- Display: 5.1" LCD screen
- Manual/automatic mode fee changeover

Comprehensive automation functions :

The instrument automatically heated, add liquid, distillation, receiving, cooling, rinsing, blowing nitrogen, a magnetic stirrer and other functions SOA100 can completely replace the traditional glass apparatus; Measurement process can be real-time monitoring instrument failure, condensate, security doors, hidden digestive tract appears automatically stop working and prompted alarm.

Perfectly personalized features :

The instrument has built-in nitrogen-blowing function, real-time display and adjust the nitrogen flow; Built-in calibration function, users can always be calibrated; Precision pump can automatically add acceptor solution, distilled water, hydrochloric acid solution. Which avoids the danger error and from manual addition

Specification:

Sample capacity: solid \leq 10g/sample, liquid \leq 20mL/sample

Measuring range : 0.1~50mg

Analysis time : 5~10min /sample

Stir speed :15-1500rpm

Recovery : \geq 99.5%

Reproducibility: Average value relative error \pm 0.5%

Distillation time: 0-59 min

Cooling water consumption :1.5L/min

Display modes : 4.3" LCD screen

Power supply: 1.3KW

Power : 220 VAC \pm 10% 50Hz

Dimensions: 400mm*385mm*735mm

Net weight : 30Kg