

# Single Sample Sulfur Analyzer

## by PREISER SCIENTIFIC

**Z92-1205-01**

**Model 900 Single Sample Sulfur Analyzer**  
**220v/50-60Hz**

**Sulfur Analysis with speed and accuracy. The Preiser Model 900 Sulfur Analyzer uses oxidative combustion and a non-dispersive solid-state infrared detection system to perform sulfur analysis on coal, coke as well as in other solids and heavy liquids. It is ideal for operations that run one sample at a time.**

#### Features:

- Utilizes a microcomputer system, an external electronic balance, and high temperature furnace together with other microprocessor controlled systems to rapidly and accurately determine the sulfur content.
- All analyzer operations are controlled by the operator through a florescent display designed to allow easy, straightforward operation of the analyzer with minimal operator training.
- Sample size utilized is 0.350 grams for coals containing up to 4% sulfur. Coals having sulfur ranges of 0.1 to 99.99% can be analyzed.
- Accuracy is within the limits of ASTM D4239-85.
- An elevator lifts the sample into the furnace where is incinerated at 1,350 Celsius in an oxygen gas stream. Vertical Tube Furnace design greatly increases combustion tube longevity by minimizing thermal shock.
- All sulfur is converted to SO<sub>2</sub> and then measured by the I-R detection system. The analyzer then calculates and displays the percent sulfur by weight.
- The result of the analysis is printed out on an external printer.
- Hard drive for Sample Information Storage throughout the life of the unit.
- 10 Calibration Libraries

#### Supplied with:

- External printer and balance
- 4/pk Z880-101257 crucibles
- 1 ea Z880-101242 glass wool
- 10 ea Z880-102018 Grade 6 Filters
- 2 ea Z880-102017 Grade 2 Filters
- 1 ea Z880-102015 Filter Holder
- 1 ea Z880-101230 Bubble Tube
- 2 ea Z880-102016 75 micron pre-filter
- 1 ea Z880-0001204 Mullite Tube



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COAL TESTING EQUIPMENT

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