

# **FAITHFUL** n and Sulphur Analyzer

Model: FLRD-8B



## **Application**

Suitable for the determination of total sulfur in iron ore, lignite, bituminous coal, anthracite, coke, dry coal samples of coal water slurry, and heavy oil in industries such as power, coal mining, metallurgy, mining, chemical engineering, cement, geological exploration, and research institutions.

## **Features**

1. The high-frequency furnace adopts high-power ceramic electronic tubes and high-capacity vacuum ceramic capacitors, with stable and reliable power output.
2. High frequency furnace program control heating, fully automatic constant temperature heating furnace head, fully automatic cleaning, fully automatic back blowing and ash removal.
3. Gas chamber constant temperature, flow control, narrowband filter, and infrared pyroelectric solid light cone sensor can detect sulfur content at the ppm level.
4. Full range linear calibration technology, weight linear compensation technology, temperature, pressure, and flow compensation technology.
5. The testing software based on the Windows XP operating system has a simple and beautiful interface.

## **Technical Parameter**

Measurement range:

Low sulfur: 0.00001~1%

High sulfur: 1%~99.9999%

Carbon: 0.00001-10.0000% (expandable to 99.999%)

Precision and repeatability: in accordance with the national metrological verification regulation JJG395-97 standard.

Sulfur:  $RSD \leq 0.5\%$

Sulfur measurement resolution: 0.00001%

Analysis time: 20S ~ 60S

Power supply voltage: AC220V  $\pm 10\%$  50Hz 2.5KW

Host dimensions: 660\* 580\*1680mm