



IR CARBON SULPHUR ANALYZER BANA-403

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IR Carbon Sulfur Analyzer is developed for the accurate and safe analysis of carbon and sulfur in inorganic samples. It can rapidly and accurately conduct content determination of carbon and sulfur in materials like steel, iron, alloy, nonferrous metals, etc. This is a high-tech product that integrates optical, electrical, computer, and analytical technology into one.

Used in Mining, Construction Material, Food, Geology, Commercial Inspection, Automotive, Aviation, Steel Products, Minerals, Non-Ferrous Metals, Non-Ferrous Metal Alloys, Inorganic Materials, Research.

Also known as Laboratory IR Carbon Sulfur Analyzer.

BANA-403 IR CARBON SULPHUR ANALYZER



Advanced User-Friendly interface.

Automatic Diagnosis System

Linearization calibration technology.

Long MTBM (Mean Time Between Maintenance)

Quick and efficient procedure reduces the cycle time and enables the user to enjoy a stress free operation environment.

High Throughput.

Whole machine adopts modular design, highly integrated electronics circuits.

Fully automatic cleaning system with noiseless and vacuum-free dust removal.

Fast and easy maintenance.

SPECIFICATIONS

| Model | BANA-403 |
|------------------------------------|--|
| Carbon Measurement Range | 0.00001% - 99.99999% |
| Sulphur Measurement Range | 0.00001% - 99.99999% |
| Carbon Analysis Precision | RSD≤0.5% |
| Sulphur Analysis Precision | RSD≤1% |
| Carbon Detection Point | C Pond (can add low C Pond) |
| Sulphur Detection Point | S Pond (can add low S Pond) |
| Carrier Gas | Oxygen: Purity ≥99.5% , Pressure: 0.18 MPa ±5% |
| Operation Gas | Oxygen: Purity ≥99.5% , Pressure: 0.18 MPa ±5% |
| Time of analysis | 20 to 60 seconds adjustable (Usually 35 seconds) |
| Sensitivity (The minimum readings) | C/s 0.1 ppm |
| Dimension | 540x600x800 mm |
| Weight | 80 kg |
| Sample weight | 0.5 g |
| Power Supply | AC 220 V ±5%, 50 Hz ±2% |



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