

Energy Dispersive X-Ray Fluorescence Spectrometric (EDXRF) Analyzer for Determination of Sulphur

Content with all ancillaries.

Technical Specification :

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| 1. | Conformity Standard | : | ASTM D 4294 |
| 2. | Country of Origin | : | USA/UK/ France/Germany/Japan. |
| 3. | Apparatus Type | : | Bench top type. |
| 4. | Detection range | : | As per ASTM D 4294 |
| 5. | Lower detection Limit | : | 5 ppm or less |
| 6. | Calibration Required | : | Minimum three groups of calibration required as per ASTM D 4294 (0.0% mass to 0.1%mass, 0.1% mass to 1.0%mass and 1.0% mass to 5.0% mass or higher). |
| 7. | Software | : | All necessary software for operation, C/H Ratio Correction, Interference Minimization, Drift Correction and Overlap Corrections must be installed and complied with ASTM D 4294. |
| 8. | Operation | : | Both with apparatus and PC. |
| 9. | Display | : | The apparatus shall be equipped with digital display and keyboard/touch screen. |
| 10. | Printer | : | In built or external for detail report. |
| 11. | Safety | : | Radiation Protective. X-Ray equipment and manner of use must comply with the Regulations /Recommendations of the International commission on Radiological protection. |
| 12. | Power | : | 220±10% VAC, 50 Hz |

Terms and Conditions :

- a) Apparatus should be brand new and of latest model.
- b) Country of origin and country of manufacture must be the same.
- c) Brochure /Catalogue in English shall have to be enclosed with the technical offer.
- d) Service manual, Instruction manual and manufacturer warranty certificate shall have to be supplied at the time of delivery.
- e) At least one year warranty from the date of commissioning.
- f) All Consumables and Calibration standards /Certified Reference Materials(CRM) shall have to be supplied with apparatus.
- g) Installation & Commissioning shall have to be done by the supplier.
- h) Manufacturer Authorization letter and Country of origin certificate shall have to be provided.
- i) At least 10(ten) years conformation of supplying necessary spare parts and consumables shall be given by the supplier.
- j) All software will be Windows base.
- k) Supplier shall have service facility in Chittagong/Dhaka and shall have to attend as per our requirement.