CODE *GT2515*
MODEL . . . . ***SPECTRO XRF-1***
VOLTAGE . . . . *250 VA*
WEIGHT . . . . *17 Kg*
POWER . . . .*10 W*

SPECTROMETER XRF-1

DESCRIPTION

X-ray fluorescence analytical solution XRF analyzer ideal for simple identification and quantification of elements up to more sophisticated analyzes. Easy to use tool, compact and safe without the need for additional chemicals either operational gases. Powered by the latest advances in technology detection, produces fast, cheap, precise and accurate data with minimal dependence on the operator and preparation of the sample. The EP-XRF-1 model is the most compact model with integrated sample holder station consisting of: spectrometer, integrated computer, touch screen, software analyses.

TECHNICAL SPECIFICATIONS

• reduced footprint
• minimal downtime and maintenance
• Unmatched accuracy and analytical flexibility of XRF compared to other analytical techniques
• non-destructive analysis
• samples: powders, solids, liquids
• simple, fast and safe sample preparation
• elementary screening of unknown samples
• Energy dispersive X-ray fluorescence technology (EDXRF)
• elementary range F-Am F-Am Na-Am
• LLD 1 ppm – 100% 1 ppm – 100% 1 ppm – 100%
• resolution (Mn-Ka): 135eV 135eV 135eV
• Sample management with sample type Liquids, solids, sludges, loose powders, filters.
• Sample handling with highly repeatable sample positioning.
• Sample management with protection against dust and liquid spills.
• X-ray tube with high stability ceramic side window type.
• X-ray tube with window size Thin window of 50 µm (Be) for higher intensities.
• X-ray tube with a maximum voltage of 50 kV, ideal for the analysis of heavier elements.
• Detector with typical high resolution 135 eV.
• Slim 8 µm (Be) window size detector for higher intensities.
• Detector with high count rate detector capability for faster analysis.
• software with large buttons for easy use.
• advanced mode software with many features.
• software with Omnian, Stratos, FingerPrint and Enhanced Data Security security options.