



CODE ..... **GT2514**  
MODEL ..... **SPECTRO XRF-4**  
EXTERNAL DIMENSION. .... 270 x 530 x 510 mm  
VOLTAGE ..... 250 VA  
WEIGHT ..... 47 Kg

## SPECTROMETER XRF-4

### DESCRIPTION

Top of the range bench spectrometer with excitation capacity 50 kV, 2 mA, maximum power 10 W, Ag anode X-ray tube, high resolution silicon drift detector (SDD) with ultra-thin Be window for the analysis of ultralight elements (eg. F). 10-position sample tray with 10 standard sample holders and a set of inserts, sample spinner, helium (He) purge system, USB interface cable, 64-bit pc with microphone. The wind. Operating system (including monitor)  
Services on request: pre-installation, installation, testing, basic training, Omnian SW for analysis without standards.

### TECHNICAL SPECIFICATIONS

- reduction in helium consumption
- Calibrated for years
- Online remote assistance
- Accurate results
- Maximum performance
- Guaranteed safety
- Fast and sensitive

### EQUIPMENT

- X-ray tube with Ag anode and 50 micrometer Be window
- 6-position filter assembly (empty, Cu 500  $\mu$ m, Al 50  $\mu$ m, Al 200  $\mu$ m, Ti 7  $\mu$ m, Ag 100  $\mu$ m, Cu 300  $\mu$ m)
- SDD10 detector with resolution <145 eV
- linear input counting rate up to 1,500 kcps (50% dead time)
- 10-position specimen tray with 10 standard specimen holders and a set of inserts
- champion spinner
- helium purge system (He).
- USB interface cable
- starting kit of 100 sample cells P1 and 500 pre-cut circles of 3.6 $\mu$ m polyester X-ray film (for liquid and loose powder analysis)
- reduction valve for gas cylinder and 8 meters of hose