



**LEADER TECNOLOGICO IN SPETTROSCOPIA DAL 1952**  
...LE SUE ANALISI MERITANO LE NOSTRE "PERFORMANCE"

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## **Spettrofotometro di Assorbimento Atomico ed Emissione SAFAS AA170: ALTA QUALITÀ E SENSIBILITÀ, PREZZO ECCEZIONALE, CON TORRETTA PER 3 LAMPADINE, DOPPIA CORREZIONE DI FONDO E AUTO-GAS CONTROL**

Lo spettrofotometro di Assorbimento Atomico ed Emissione SAFAS AA170 beneficia di una robustezza ed una sensibilità eccellenti. Include un doppio correttore di fondo (deuterio e pulsazione gigante variabile), di una torretta per 3 lampadine con pre-allineamento individuale, e di un controllo automatico dei gas. Il software è facile da utilizzare, sul largo LCD grafico blu, e consente di realizzare curve di calibrazione, metodi, rapporti stampati, e di gestire una biblioteca di elementi (più di 200).

*Siamo spiacenti, questa pagina non è ancora disponibile in Italiano.*

# **AA 170**



### **AN AA SPECTROPHOTOMETER, RUGGED AND RELIABLE, WITH OUTSTANDING SENSITIVITY AND LOW COST**

SAFAS Atomic Absorption spectrophotometer AA170 has a very high sensitivity, with very low maintenance needs and ownership costs.

Fitted with a linear optical system with reduced number of reflections, it will bring to your lab excellent sensitivity and reproducibility, particularly on the elements whose peaks are located in the UV.

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### **EXCELLENCE IN OPTICS AND MECHANICS**

The combination of the linear optical design, of the single-mirror high aperture EBERT mount monochromator, and of the micrometric screw driven grating, bring excellent linearity, reproducibility and energy.

The AA170 AAS has a spectral range from 190 to 900nm; with a particularly high sensitivity at the most difficult wavelengths. Three bandwidths are available to the users: 0.2nm, 0.7nm and 2nm. A turret for 3 lamps, with individual pre-alignment and preheating, enables to promptly switch from one element to another.

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### **A DOUBLE BACKGROUND CORRECTOR**

A double background corrector (with deuterium lamp and Variable Giant Pulse) enables to correct the continuous backgrounds as well as the complex ones, in the UV range as well as in the visible, and with a very high energy thanks to its high energy system.

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## **AN AUTOMATIC GAS CONTROL**

The gas are automatically controlled by the built-in computer, also allowing easy and secure switch from air to nitrous oxide, as well as the switch on and off.

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## **MANY ACCESSORIES AND OPTIONS ARE AVAILABLE**

An external sampler is optionally available, as well as many accessories: Hollow Cathode Lamps, Standard solutions, Nitrous Oxide burner, stainless steel exhaust device, oil free air compressor, pressure regulators, etc...

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## **A BUILT IN COMPUTER FITTED WITH A POWERFUL AND EASY-TO-USE SOFTWARE**

The embedded software enables to easily achieve all the classical measurements in Atomic Absorption and Emission, particularly building calibration curves, measuring series of samples (with or without replicates), with or without report, and to create and save hundreds of methods. The instrument is delivered with a library of more than 200 methods.

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**SAFAS** - FABBRICANTE DI SPETTROFOTOMETRI (UV, VISIBILE, INFRA-ROSSO, ASSORBIMENTO ATOMICO), SPETTROFLUORIMETRI, LUMINOMETRI, LETTORI DI MICROPIASTRE, ANALIZZATORI

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