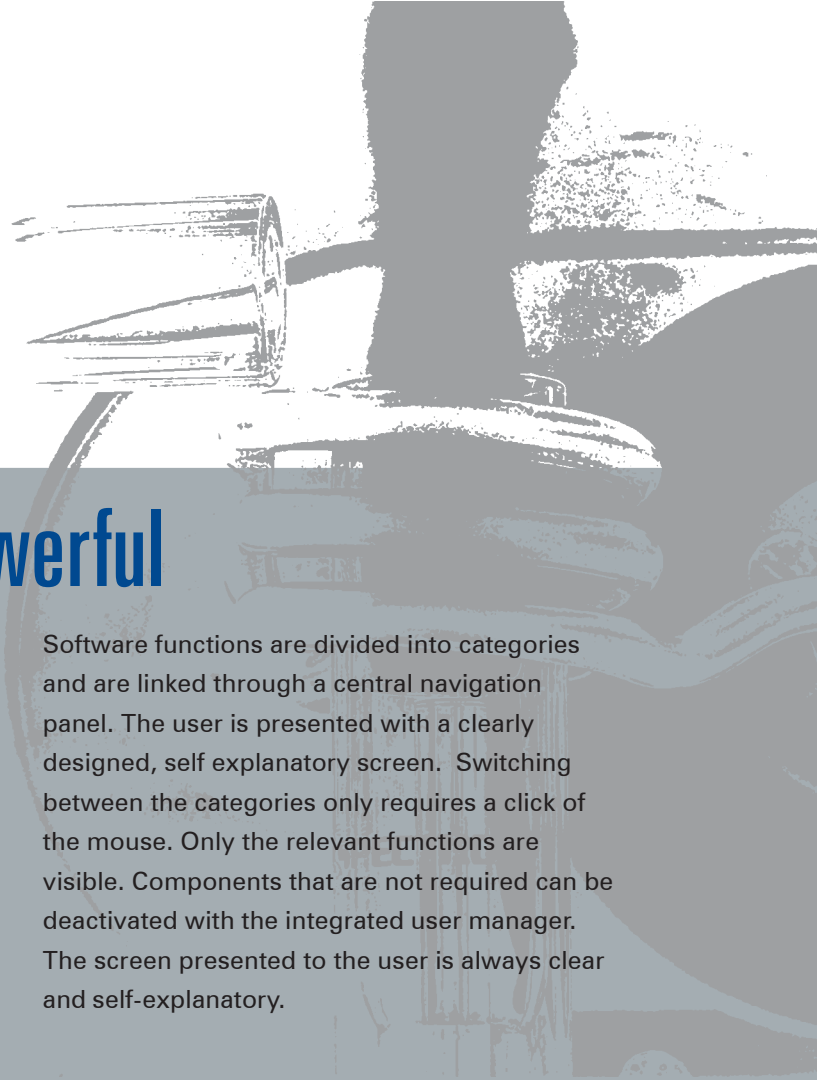


# SPECTRO SMART ANALYZER VISION

Version 4

*ICP Software from Tomorrow for Maximum Productivity  
in the Laboratory Today*





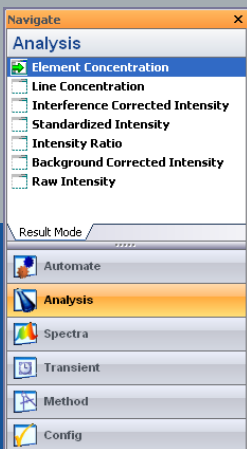
# Intuitive, Intelligent, Powerful

SPECTRO SMART ANALYZER VISION: The ultimate in flexibility and functionality, and yet still easy to use interface for SPECTRO ICP-OES spectrometers. Providing straightforward and intuitive access to all the functions, simple “one-click” routine operation and customizable views, even non-experts can fully extract and take advantage of the instrument’s unique analytical capabilities with SMART ANALYZER VISION.

Software functions are divided into categories and are linked through a central navigation panel. The user is presented with a clearly designed, self explanatory screen. Switching between the categories only requires a click of the mouse. Only the relevant functions are visible. Components that are not required can be deactivated with the integrated user manager. The screen presented to the user is always clear and self-explanatory.

- Intuitive-to-use design
- Routine operation with just a few clicks
- Simple method development
- Advanced recalculation of the original measurement data
- Unattended operation with intelligent event control
- Completely compatible with US EPA, CLP and other standards and regulations
- User and data management conforming to US FDA 21 CFR Part 11

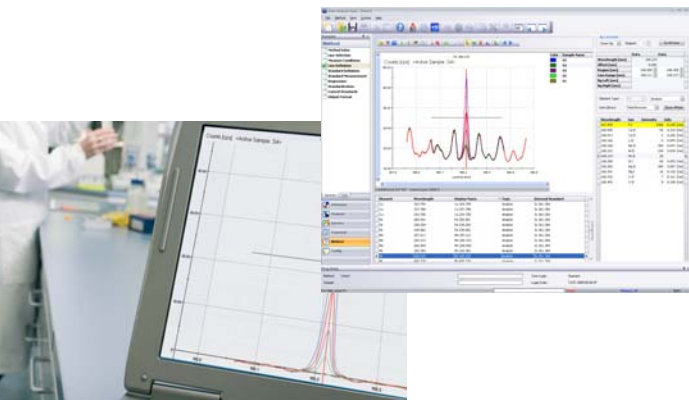
*The program interface is clear and self-explanatory.*



Sample Name	Sample Weight	Normal Weight	DRAGON	Ag	As	B	Bi	Ca	Co	Cr	Cd
001	0.100	0.10000									
002	0.100	0.10000									
003	0.100	0.10000									
004	0.100	0.10000									
005	0.100	0.10000									
006	0.100	0.10000									
007	0.100	0.10000									
008	0.100	0.10000									
009	0.100	0.10000									
010	0.100	0.10000									
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100	0.100	0.10000									







*SMART ANALYZER VISION includes performance-boosting proprietary algorithms and measurement techniques like Spline and Smart Background Correction.*

**Transient View** Time resolved signals can be measured and processed in the transient measuring mode, making the use of hyphenated techniques like chromatography, or alternative sample introduction methods like laser ablation and electro thermal vaporization (ETV), possible. An optional trigger module can be used to automatically activate a synchronized start of the measurement.

**Method View** Organized into simple palatable segments, method development is conducted step by step. The user is supported and guided through the process with the help of suggested default values, comprehensive databases and reference libraries. Automatic optimization and definition functions provide additional help. An example; the proprietary smart background correction (SBC) module offers additional assistance by automatically modeling the matrix

# Technical Data:

**Minimum system requirements**

- Windows XP Professional, Windows Vista
- Intel Core 2 Duo, 2.4 GHz, 2 GB RAM
- 80 GByte hard drive
- DVD-ROM/CD-RW optical drive
- Monitor resolution 1024 x 768 Pixel

or interference spectrum and subtracting it from the analyte spectrum, resulting in substantially improved recoveries. Even highly structured backgrounds can be corrected for in this way. New methods can be developed in a very short amount of time. Only method import is faster: This is made possible by ICAL, the intelligent calibration logic that transfers line and background positions together with all the other method settings. All that remains is to re-measure the calibration standards.

**Configuration View** The configuration view is used to set universal parameters and to manage the alarm system, log books and users. The alarm system reacts to various events and notifies preset contacts by e-mail as necessary. The log books make it possible to easily trace events and actions. User management is used to control access to the system and allows individual customization of the program interface.

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