

CG - The Basis of Precision

CGS 5002.01

Excellent optics

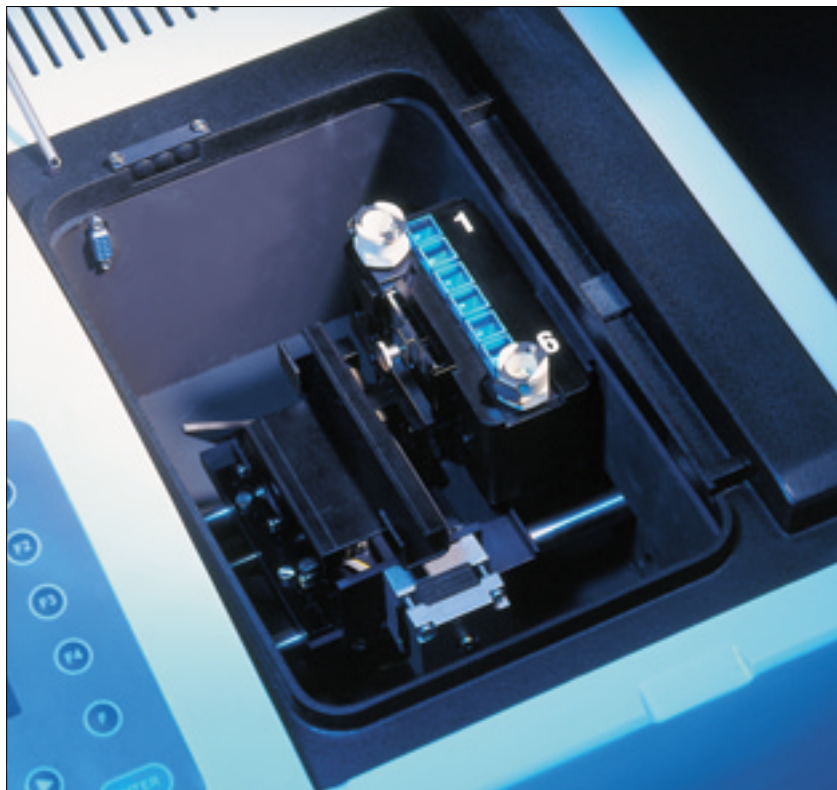
The monochromator with its concave holographic grating, a minimum number of beam splitters, and the use of aspherical optics contribute to the high accuracy and precision of your measurement results.

Convenient, fast and time-saving

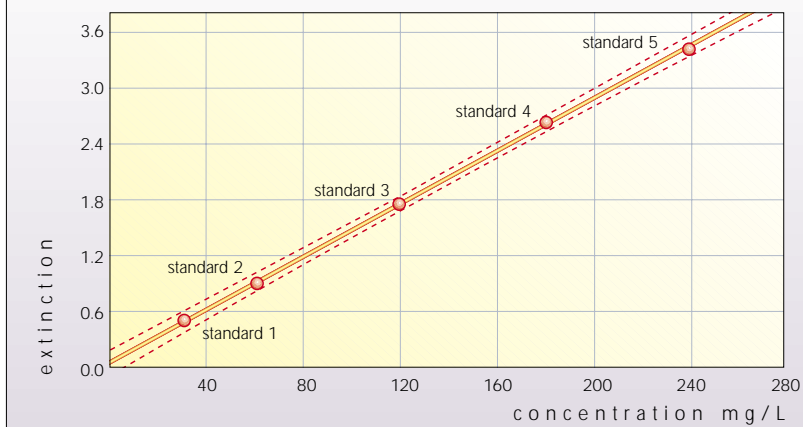
Your time is too precious to waste it on complicated or awkward operating procedures. The streamlined, thought-through design of the SPECORD® 50 makes your daily analytical routine child's play.

The amply dimensioned sample compartment allows you to add reagents repeatedly, even during measurements, with speed and ease, and to swiftly change samples and accessories. You won't need much time to learn the menu-driven software that controls the measurement process, method development and data analysis.

The innovative automatic wavelength recalibration, effected by a built-in holmium glass filter at four lines evenly distributed over the spectral range, guarantees consistently excellent wavelength accuracy from one end of the range to the other.



Photometric linearity, $\lambda = 350 \text{ nm}$, $\text{K}_2\text{Cr}_2\text{O}_7$ in H_2SO_4



Lamp change with exemplary ease

The light sources of the SPECORD® 50 are prealigned, easily accessible and, above all, readily interchangeable. Switching between the deuterium and halogen lamps is user-programmable within wide limits. With striking simplicity, both lamps can be switched on or off via the menu.

*Illustration above:
Sample compartment with 6-place
cell changer*