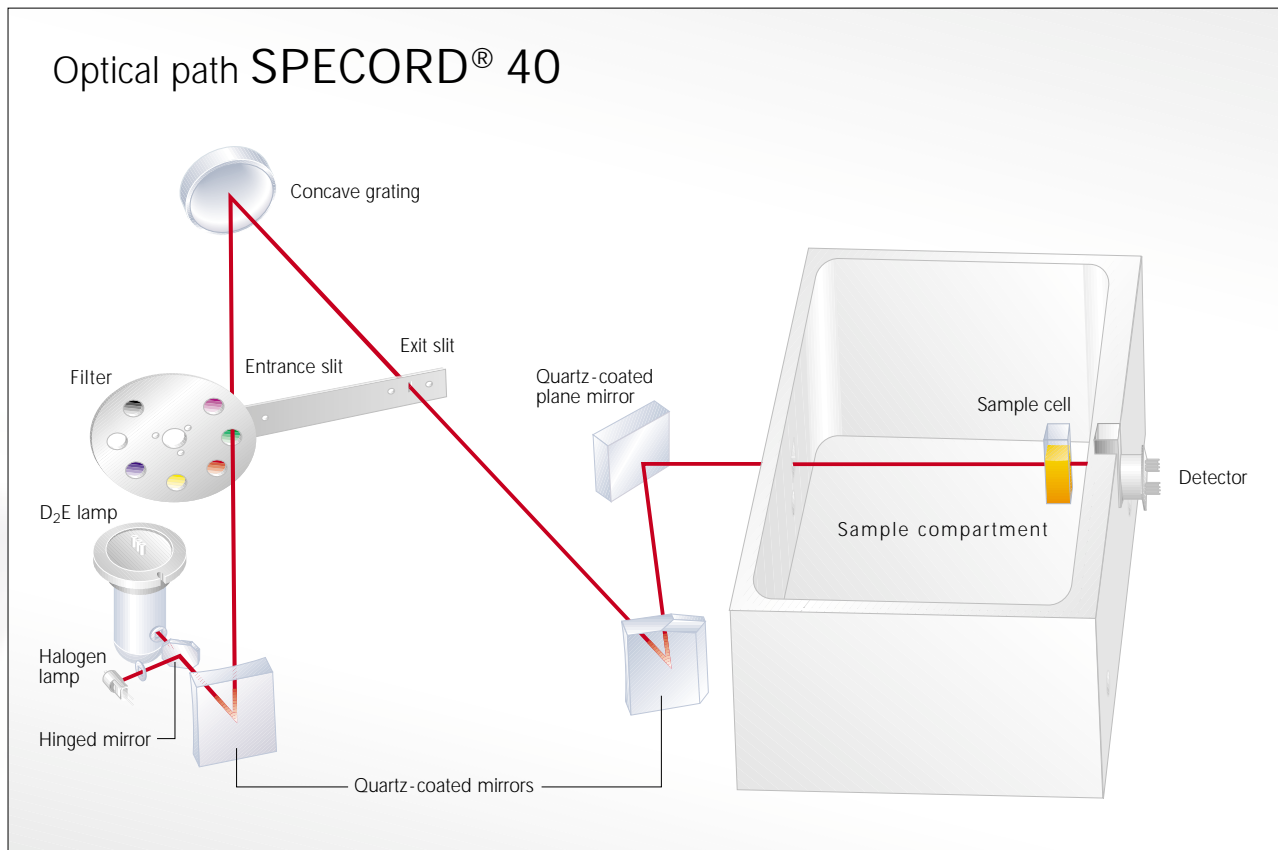


CGS 5003.01

This well-tried UV VIS spectrophotometer for the 190 - 1100 nm conforms to DAB (German pharmacopoeia) requirements. It is available in stand alone and PC versions and permits scanning as well as fixed-wavenumber measurements.



Optical system

The SPECORD® 40 provides high analytical performance thanks to its accurate, stable and reliable optics.

The high energy throughput throughout the wavelength range makes for extremely short measurement times,

resulting in a low identification limit and an outstanding signal-to-noise ratio.

Technical Data of SPECORD® 40

Wavelength range:	190 - 1100 nm
Photometric display range:	- 8 to 8 A
Photometric measuring range:	- 3 to 3 A
Wavelength accuracy:	better than ± 0.3 nm
Wavelength repeatability:	better than ± 0.1 nm
Stray light:	220 nm: < 0.03 % T (NaI, ASTM)
Spectral bandwidth:	1.3 nm at 500 nm
Photometric accuracy:	± 0.004 A at A=1
Photometric repeatability:	± 0.0005 A at A=1
Long-term stability at 500 nm:	better than 0.0010 A/h
Scanning speeds:	up to 6000 nm/min
Power requirements:	110 or 230 V $\pm 10\%$, 50/60 Hz