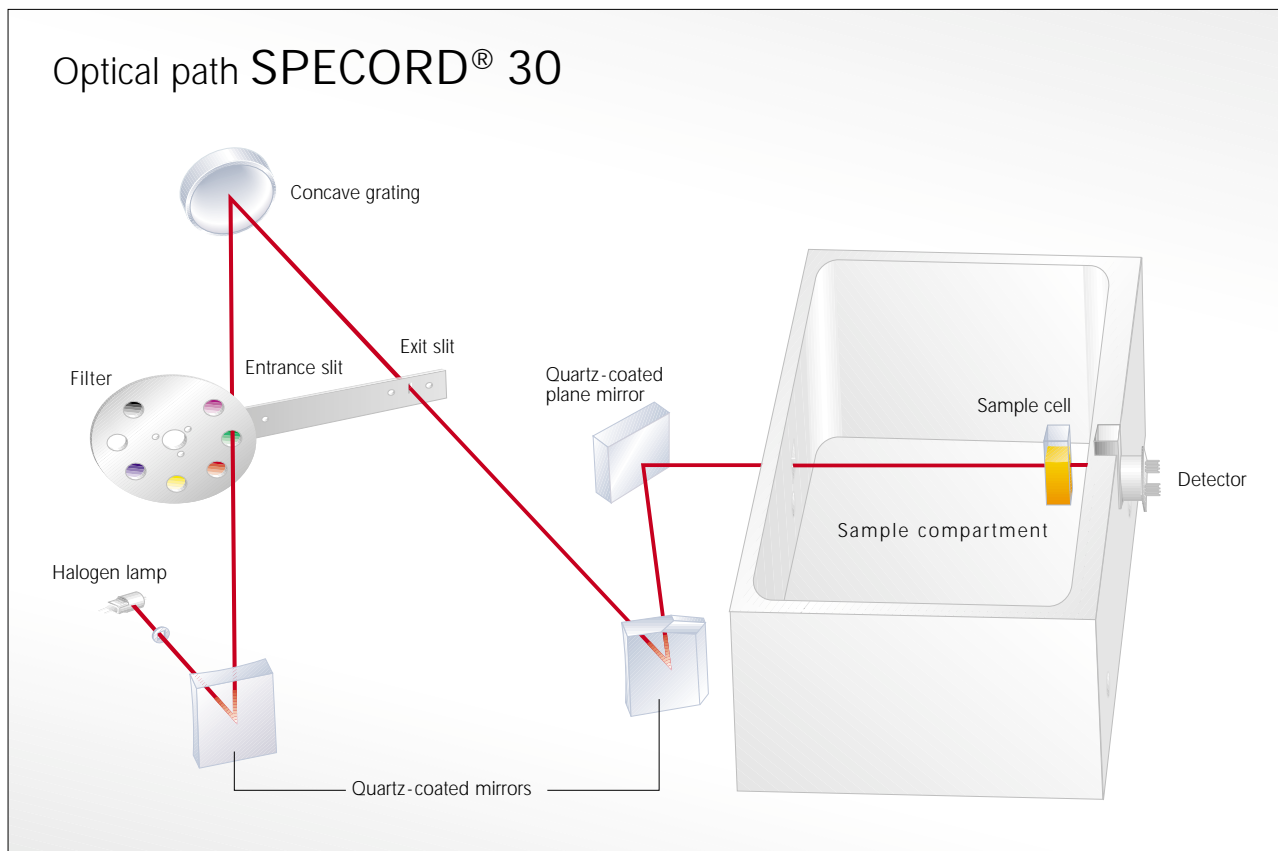


CG - SPECORD® 30 – Robust for Routine

CGS 5004.01

This sturdy single-beam VIS spectrophotometer is a true workhorse for laboratory routine. Depending on your specific application you can select between a stand alone and a PC version. The SPECORD® 30 permits scanning as well as fixed-wavenumber measurements.



Optical system

The optical system features a wide slit for higher light throughput and optimum signal-to-noise ratio even at the ends of the spectral range.

This enables, for example, enzyme substrate determinations at 340 nm.

Technical Data of SPECORD® 30

Wavelength range:	300 - 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:	340 nm: $< 0.03\%$ T (NaNO ₂ , ASTM)
Spectral bandwidth:	3.4 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 0.001 A/h
Scanning speeds:	up to 6000 nm/min
Power requirements:	110 or 230 V $\pm 10\%$, 50/60 Hz