



CGS 5004.10

Accessories for every task

Work with the SPEKOL is both fast and uncomplicated. You can analyze solids or liquids. Choose the individual accessories you need from the wide range available.

- Holders for cells with pathlengths from 1 to 5 cm.
- Funnel cell
- Thermostatable cell holders
- Flow-Through cells
- Holders for round cells



Technical Data SPEKOL® 1100/1200

	SPEKOL® 1100	SPEKOL® 1200
Wavelength range:	320 - 900 nm	215 - 625 nm / 215 - 680 nm
Wavelength accuracy:	+/- 0.5 nm	+/- 0.5 nm
Wavelength reproducibility:	+/- 0.1nm	+/- 0.1 nm
Digital resolution:	3.3 nm/pixel	2,2 nm/pixel
Straylight:	$\leq 0.25 \% T$ in range 400 - 900 nm (measured with filter GG 495 / 2 mm) $\leq 0.10 \% T$ in range 400 - 900 nm (measured with filter RG 695 / 2 mm)	$\leq 0.1 \% T$ at 340 nm (measurement with NaNO ₂ -solution) $\leq 0.10 \% T$ in range 400 - 900 nm (measured with filter RG 695 / 2 mm)
Measuring range:	0 - 3 A	0 - 3 A
Photometric linearity:	< 1% at A=1 in range 400 - 900 nm	< 2 % at A=2; 340 nm
Photometric accuracy:	+/- 0.025 A bei A=1, measured with certified reference filters 930d from NIST	+/- 0.025 A from A=1, measured with certified reference filters 930d from NIST
Photometric reproducibility:	+/- 0.003 A	+/- 0.003 A
Drift:	< 0.003 A/h	< 0.003 A/h
Noise level:	$\leq 0.005 A$ at A=0, peak-to-peak	$\leq 0.005 A$ at A=0, peak-to-peak
Data storage:	S-RAM-cards	S-RAM-cards
Interface:	RS 232C	RS 232C
Voltage:	230 V, 110 V optional	230 V, 110 V optional
Power frequency:	50/60 Hz	50/60 Hz
Power consumption:	45 VA	80 VA
Dimensions (W x H x D):	380 x 130 x 275 mm	392 x 130 x 275 mm