

SPECORD® and SPEKOL®

Application in pharmacy

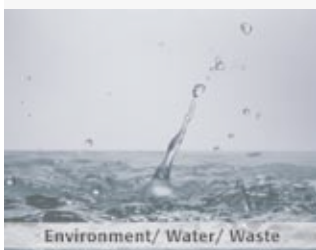
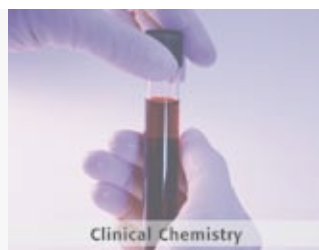
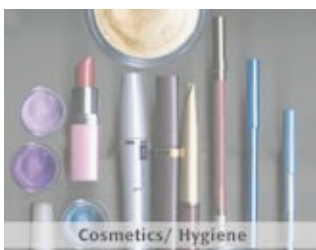


The UV VIS spectrophotometer SPECORD® is especially suited for the application and requirements of the pharmaceutical industry, as they are basic equipment in their pharmaceutical laboratories. The double beam systems of the SPECORD® series from Analytik Jena are well known for its high quality and robustness. They can be equipped with different cell changer up to 16 cell positions to realize very fast measurements in routine analysis.

Progress towards better health requires international cooperation in the establishment of international standards for biological substances and pharmaceuticals. The spectrophotometer SPECORD® are compliant to the strict requirements of all international pharmacopeia and to the requirements of the department of health and human services of the USA FDA 21 CFR part 11.

We offer the complete set for spectrophotometer in pharmacy with:

- IQ/OQ documents
- Validation set
- FDA compliant software
- Documents for software validation
- Automation accessory for faster analysis with an option for temperature control



SPECORD® and SPEKOL® – Application in pharmacy

Research and development

- Screening for active ingredients
- Purity control of active ingredients
- Dissolution tests
- Test of bio availability

Incoming good inspection

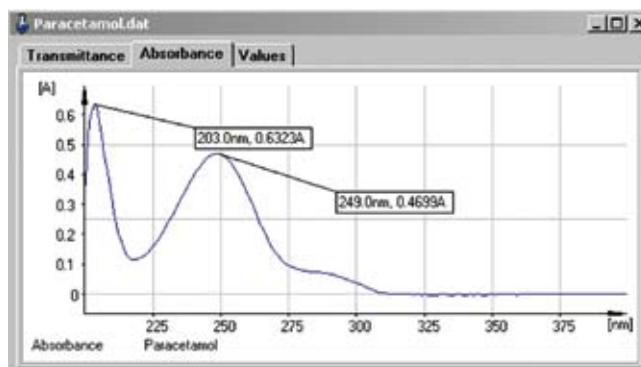
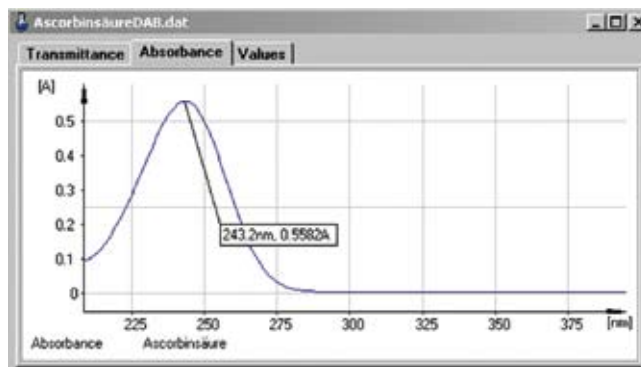
- Control of chemical substances

Quality control of products

- Control of the concentration of active ingredients
- Purity control
- Dissolution tests

Sewage plant (Waste water)

- Determination of anions or different waste water parameter



UV VIS spectra of ascorbic acid and paracetamol

Recommended instrumentation

Device	SPECORD® 205	823-02051-2
	SPECORD® 200	823-02001-2
	SPECORD® 210	823-02101-2
	SPECORD® 250	823-02501-2
Accessory option	6 cell changer, water thermostatted*	820-60125-0
	8 cell changer, water thermostatted*	820-60224-0
	2 x 8 cell changer, water thermostatted*	2 x 820-60224-0
Thermostat optionally	Bath thermostat	820-60145-0
	Compact cooling thermostat	820-60147-0
Software	WinASPECT® FDA 21 part 11	820-60205-0
	WinASPECT® module routine kinetics	820-60070-0
	Validation set	820-60073-0
Documentation	IQ/ OQ with certificated standards	820-60011-2
	Installation, start-up, instructions including software validation compliant to FDA 21 CFR part 11 guide	820-60207-0 or 820-60208-0

*There are different cell changer with temperature control (water or peltier), without temperature control and with stirring option are available as automation accessory for the photometer SPECORD®.

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Subject to changes in design and scope of delivery as well as further technical development!